

**Burbank Water and Power  
Board  
(Unexpired Term)**

## Application Form

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### Profile

Thomas \_\_\_\_\_ J \_\_\_\_\_ Euper \_\_\_\_\_  
First Name Middle Initial Last Name

\_\_\_\_\_ \_\_\_\_\_  
Email Address

\_\_\_\_\_ \_\_\_\_\_  
Home Address Suite or Apt

Burbank \_\_\_\_\_ CA \_\_\_\_\_ 91504 \_\_\_\_\_  
City State Postal Code

\_\_\_\_\_ \_\_\_\_\_  
Primary Phone Alternate Phone

Husmann Services Corp \_\_\_\_\_ Superintendant \_\_\_\_\_ Commercial Refrigeration  
Employer Job Title Occupation  
and Air Conditioning

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### Which Boards would you like to apply for?

Burbank Water and Power Board: Submitted

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### Length of time as a Burbank Resident:

58 years

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### Burbank Registered Voter?

Yes  No

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### Interests & Experiences

Please tell us about yourself and why you want to serve.

### Why are you interested in serving on a board, commission or committee?

To let my years of experience with commercial facilities be of more use by being able to help with the community i live in

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### Education

Burbank High 5 year apprentiship with commercial Refrigeration and Air Conditioning Local 250 Then 15 years of journeymanhip courses until the state of california permimently certified me

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**Additional Pertinent Courses or Training**

5 Years of Burbanks Finest - Joe Haggerty Plumbing 1980-1985 Then 20 + years of schooling and Training post High School

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**Other Pertinent Skills, Experience or Interests**

20 + years being involved with the Edison International Tulare Tractor and power Engine show and clubs throughout California

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Upload a Resume

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**Community Involvement**

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**Specify current or prior service on a City Board, Commission or Committee:**

After 40 years with Commercial Refrigeration 60+ hour weeks year round I am finally able to take on new ventures as i choose to slow down

---

**List Community activities in which you are involved:**

All Mechanical Clocks Engines Compressors Cars-Trucks Tractors Antiques Antique Photography Antique Books on a very high level

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**If you are related to any City of Burbank employee(s), please state their name(s), relationship(s), and department(s). If you are not related to a City of Burbank employee, please put N/A.**

N/A

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**Conflict of Interest**

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**Conflict of Interest:**

**Rules of law and ethics prohibit members from participating in and voting on matters in which they may have a direct or indirect conflict of interest including a financial interest. Are you aware of any potential conflicts of interest which may develop from your occupation or financial holdings in relation to your responsibilities as a member of the Board, Commission or Committee to which you seek appointment?**

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Yes  No

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**If you answer yes, explain in detail any potential conflicts in the same manner as required by the Fair Political Practices Commission's Statement of Economic Interests (Form 700). (If you should have any questions about this matter or need further information as it relates to your situation, please advise the City Clerk prior to submitting your application.)**

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## **AB 1234 Training**

The Board, Commission or Committee (collectively Board) you are seeking appointment to provides City reimbursement for attending trainings or conferences. Therefore, under State Law all members of the Board must receive at least two hours of ethic's training, as prescribed by the Fair Political Practices Commission, within one year of appointment and once every two years thereafter.

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### **First Choice**

#### **FIRST choice for Board/Commission/Committee appointment:**

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Not sure how to answer No doubt my skills and experiences could be used in all aspects

#### **Describe any qualifications, experience, and education, as well as any technical or professional background you may have relative to the duties of this position.**

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On a commercial level I have been involved with over 15 Million dollars of commercial mechanical projects from the rendering selling installing and servicing for decades My experience overlaps anything that the Water and Power Dept would be involved in

#### **What are your goals in serving on this Board/Commission/Committee?**

---

To make a difference To give back to the community that i love so much with the decades of skills and experiences i have to use where it is needed in our public works

---

### **Second Choice**

#### **SECOND choice for Board/Commission/Committee appointment:**

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Not sure how to answer No doubt my skills and experiences could be used in all aspects

#### **Describe any qualifications, experience, and education, as well as any technical or professional background you may have relative to the duties of this position**

---

On a commercial level I have been involved with over 15 Million dollars of commercial mechanical projects from the rendering selling installing and servicing for decades My experience overlaps anything that the Water and Power Dept would be involved in

#### **What are your goals in serving on this Board/Commission/Committee?**

---

To make a difference To give back to the community that i love so much with the decades of skills and experiences i have to use where it is needed in our public works

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### **Supplemental Questions**

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### **Acknowledgement**

**Acknowledgment No. 1 - General**

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**ALL INFORMATION SUBMITTED IS A PUBLIC RECORD AND WILL BE POSTED ON THE CITY'S WEBSITE. All City Board, Commission, and Committee members serve without compensation from the City. No person shall serve at the same time on more than one Board, Commission or Committee. All applicants must be electors of, and actually reside in the City of Burbank, with the exception of the Burbank Cultural Arts Commission and the Sustainable Burbank Commission. (Per BMC Section 2-1-405, 2-1-406, 2-1-407)**

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I Agree



## Additional Pertinent Courses or Training

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Over my career I have successfully completed professional courses in business ethics, compliance, and regulatory affairs.

## Other Pertinent Skills, Experience or Interests

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I have a long working relationship with SoCalGas, PG&E and SCE. In addition, I have worked and implemented energy and water pumping efficiency projects with many municipal agencies in California and Nevada.

Upload a Resume

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## Community Involvement

**Specify current or prior service on a City Board, Commission or Committee:**

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N/A

**List Community activities in which you are involved:**

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Burbank Police Community Academy (2022).

**If you are related to any City of Burbank employee(s), please state their name(s), relationship(s), and department(s). If you are not related to a City of Burbank employee, please put N/A.**

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N/A

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## Conflict of Interest

**Conflict of Interest:**

**Rules of law and ethics prohibit members from participating in and voting on matters in which they may have a direct or indirect conflict of interest including a financial interest. Are you aware of any potential conflicts of interest which may develop from your occupation or financial holdings in relation to your responsibilities as a member of the Board, Commission or Committee to which you seek appointment?**

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Yes  No

**If you answer yes, explain in detail any potential conflicts in the same manner as required by the Fair Political Practices Commission's Statement of Economic Interests (Form 700). (If you should have any questions about this matter or need further information as it relates to your situation, please**

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**advise the City Clerk prior to submitting your application.)**

## **AB 1234 Training**

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---

### **First Choice**

**FIRST choice for Board/Commission/Committee appointment:**

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Robert D. Nielsen for the Burbank Water and Power Board.

**Describe any qualifications, experience, and education, as well as any technical or professional background you may have relative to the duties of this position.**

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Results driven leader, transaction expert, and business development executive with 25 years' experience in regulated and deregulated energy markets, wholesale and retail. Consistently successful in originating and developing efficiency opportunities with large corporations, LDCs, municipalities, hospitals, and universities. Excellent written and verbal communication skills and strong analytical, conflict resolution, and problem-solving abilities. Please see my resume for full details of my professional history, which span 3 decades in the energy industry.

**What are your goals in serving on this Board/Commission/Committee?**

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Utilities, including Burbank, are facing increasing complexity from climate change and aging infrastructure (among other challenges) and need to manage these risks while providing reliable and affordable services. I would like to serve on the board to help Burbank navigate through the energy transition that is already underway and to continue to be a leader in the energy (water and power) space in California and nationally. I will use my years of experience and professional network to achieve the city's goals of carbon reduction, energy and water efficiency and cost savings for the residents of Burbank. I have experience procuring electricity and natural gas for cities and large C&I end users. I have put energy efficient fuel cells in wastewater districts in California, provided demand response to water districts and worked to develop desalinization plants in Southern California. Burbank has made great progress in planning for the future and I would like to participate in it's continued evolution.

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### **Second Choice**

**SECOND choice for Board/Commission/Committee appointment:**

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**Describe any qualifications, experience, and education, as well as any**

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**What are your goals in serving on this Board/Commission/Committee?**

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**technical or professional background you may have relative to the duties of this position**

**Supplemental Questions**

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**Acknowledgement**

**Acknowledgment No. 1 - General**

---

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I Agree

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**Sales & Marketing / New Business Development Professional**  
**Energy Industry / Natural Resources**

Results driven sales leader, transaction expert, and business development executive with 25 years' experience in regulated and deregulated energy markets, wholesale and retail. Consistently successful in originating and closing new business opportunities with Fortune 500 corporations, LDCs, municipalities, hospitals, and universities. Excellent written and verbal communication skills and strong analytical, conflict resolution, and problem-solving abilities.

- Municipal Districts
- Regulatory Legislation – Incentive Programs
- Contract Negotiation/Management
- Hydrogen/Fuel Cells/Solar/Storage
- Market Expansion and New Market Entry
- Microgrid Planning and Development
- Distributed Energy Resources
- Demand Response Programs

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**PROFESSIONAL EXPERIENCE**

**CPOWER ENERGY**

September 2023 – Present

Los Angeles, CA

**Account Executive**

Developed Virtual Power plants to provide resource adequacy and environmental benefits at a significantly lower price point than other options, such as gas peaker plants and grid-scale battery storage.

- Recruited large C&I customers with PG&E, SCE and SDG&E to participate in demand response programs (DSGS option 2, CBP & BIP), delivering financial benefits to clients helping to stabilize the power grid.
- Managed Municipal relationships to manage grid outages in California.
- Implemented battery storage and large-scale Demand Energy Resources (DSGS option 3).

**SIEMENS**

June 2022 – September 2023

Los Angeles, CA

**Account Executive**

Developed energy services business in California while focusing on the Higher Education and Municipal verticals. Identified market needs and led sales strategies and customer solutions to gain client commitment to improve their facilities, operations, sustainability, and profitability.

- Develop and maintain C-suite and facilities leadership level relationships.
- Define infrastructure improvements to meet carbon reduction and sustainability goals.
- Financing and funding solutions through incentive programs and performance contracting.

**PLUG POWER**

2019- 2021

Los Angeles, CA

**Director, National Accounts**

Engaged directly with prospective national/enterprise customers to drive revenue growth for the organization by cultivating new business relationships and communicating the significant value statement for Plug Power's hydrogen fuel cell technology.

- Utilized a variety of tools and resources working towards sales including hydrogen fuel cell systems at prospective customer sites, understanding, and forecasting budgets for financial, sustainability.
- Developed long term integrated sustainable green energy plan customer locations to ensure long-term ROI.
- Coordinated state and federal rebate programs for clients including LCFS, ITC, SGIP, and FC-NEM.

**FUELCELL ENERGY**

2016 - 2019

Los Angeles, CA

**Director, Business Development**

Responsible for Southern California market growth of industrial and utility scale hydrogen, biogas, and natural gas fuel cells to municipal, IOU, education, oil & gas, wastewater, and healthcare segments.

- Achieved 7 MW of fuel cell generation to the municipal sector.
- Expert knowledge of fuel cell technology and engineering applications.
- Developed new market entry for LCFS, FC-NEM and SGIP programs through SoCalGas and SCE.

**CONSTELLATION ENERGY/EXELON CORPORATION**

2013 - 2015

Los Angeles, CA

**Senior Business Development Manager**

Responsible for sales of electricity, natural gas, demand response and energy efficiency.

- Direct Assess and Demand Response sales to California National, commercial & industrial customers.
- New prospects/origination.
- Created new book of business and met corporate revenue goals consistently.

**STRATEGIC ENERGY / DIRECT ENERGY BUSINESS**

2005 - 2013

Los Angeles, CA – Pittsburgh, PA

**Senior Business Development Manager**

Managed sales of electricity and risk management products to large end users in California and national multi-site accounts in deregulated markets nationwide.

- Originated over \$2.5 million of electricity/natural gas in long-term contracts annually.
- Coordinated demand response/solar/renewable programs and energy solutions efforts in CA.
- Closed new opportunities and created core natural gas market for Direct Energy in California.

**SEMPRA ENERGY SOLUTIONS / SOCALGAS**

2002 - 2005

Los Angeles, CA – Las Vegas, NV

**Director of Sales**

Managed origination for Sempra Energy Solutions' retail marketing/trading affiliate. Serviced clients by providing natural gas, electricity, risk management products, and industrial energy management services. Recruited to lead expansion into new territories and diversify new markets.

- Structured and closed over 250 MW in power transactions to casino groups in Nevada.
- Led natural gas market entry into Nevada and Arizona. Structured 5-y. ear, approximately \$10 million, power, and natural gas and services contracts with major Las Vegas casino properties and industrials working through PUC regulations.
- Created and managed start-up of local regional sales/marketing office in Las Vegas, Nevada.

**MIRANT AMERICAS ENERGY MARKETING**

2001 - 2002

Las Vegas, NV – Atlanta, GA

**Senior Account Executive**

Represented Mirant as a Power and Gas Originator in the WSCC by calling on IOUs, Municipalities, Cooperatives, Water Districts and Marketing Companies by originating, structuring, and transacting wholesale power and natural gas deals. Created and managed WSCC.

- Rate analysis, systems operations, and legislative affairs.
- Managed WSCC customers, IOUs, Municipals and Water Districts.
- Sold output of the Apex Power plant to Nevada Power.

**SEMPRA ENERGY SOLUTIONS / PACIFIC ENTERPRISES**

1999 - 2001

Los Angeles, CA

**Sales Manager**

Part of a startup team under the Southern California Gas Company, worked to build a new business within the utility with the goal to reduce client energy expenses and have ability to choose service providers.

- Sold energy solutions and efficiency products including energy services contracts.
- Negotiated and transacted multi-million-dollar natural gas and electricity contracts to commercial and industrial customers in California, Nevada, and Arizona.
- Aided the development of financial tools to manage risk and optimize efficiencies.

**EDUCATION****B.A., Environmental Science/Geology**  
**University of Iowa, Iowa City, IA**

1991 - 1995

# Application Form

## Profile

**Victor** \_\_\_\_\_ **A** \_\_\_\_\_ **Taracena** \_\_\_\_\_  
First Name Middle Initial Last Name

\_\_\_\_\_  
Email Address

\_\_\_\_\_  
Home Address

\_\_\_\_\_  
Suite or Apt

**Burbank** \_\_\_\_\_ **CA** \_\_\_\_\_ **91506** \_\_\_\_\_  
City State Postal Code

\_\_\_\_\_  
Primary Phone

\_\_\_\_\_  
Alternate Phone

**Self-Employed** \_\_\_\_\_ **Architect/Project Manager** \_\_\_\_\_ **Architectural Consultant** \_\_\_\_\_  
Employer Job Title Occupation

## Which Boards would you like to apply for?

Board of Building and Fire Code Appeals: Submitted  
 Burbank Water and Power Board: Submitted

## Length of time as a Burbank Resident:

45 years

## Burbank Registered Voter?

Yes  No

## Interests & Experiences

Please tell us about yourself and why you want to serve.

### Why are you interested in serving on a board, commission or committee?

Having the privilege of growing up and residing in the City of Burbank for over 40 plus year has given me a unique perspective in regards to how Burbank has grown and where it must evolve too in order for the future to meet the needs of its citizenry. Having served on the Board of Building and Fire Code Appeals these past four years, i feel that i have assisted and contributed, in a positive manner, along extensive experience as a professional in architecture and construction, to the betterment of our fine city and its residents through service.

## Education

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I hold a bachelors degree in Architectural Design from Woodbury University. Additionally, I have taken Advance course work in Plumbing Engineering and Design from UCLA's Extension Program.

## Additional Pertinent Courses or Training

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I have taken the following course work to continually stay current with current design and construction trends and technologies: The National Programme on Technology Enhanced Learning Diploma in the Fundamental of Landscape Architecture The National Programme on Technology Enhanced Learning Diploma in Contemporary Architecture and Design The National Programme on Technology Enhanced Learning Advanced Diploma in Sustainable Architecture Hollow Metal Manufacturers Association Understanding Fire Rated Openings Clark Dietrich Systems & Cold Form Steel Framing Connections The State of California Architectural Board (CAB) Continuing education course work on ADA compliance

## Other Pertinent Skills, Experience or Interests

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Upload a Resume

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## Community Involvement

**Specify current or prior service on a City Board, Commission or Committee, listing specific the specific Board, Commission, or Committee and dates of prior service.:**

Currently serving on the Board of Building and Fire Code Appeals ( 07/15/2022 - 07/16/2026)

**List Community activities in which you are involved:**

Recently Graduate from the City's R.I.S.E. Program 2025 Participated in the City Sponsored Earth Day 2025

**If you are related to any City of Burbank employee(s), please state their name(s), relationship(s), and department(s). If you are not related to a City of Burbank employee, please put N/A.**

N/A

---

## Conflict of Interest

**Conflict of Interest:**

**Rules of law and ethics prohibit members from participating in and voting on matters in which they may have a direct or indirect conflict of interest including a financial interest. Are you aware of any potential conflicts of interest which may develop from your occupation or financial holdings in relation to your responsibilities as a member of the Board, Commission or Committee to which you seek appointment?**

---

Yes  No

**If you answer yes, explain in detail any potential conflicts in the same manner as required by the Fair Political Practices Commission's Statement of Economic Interests (Form 700). (If you should have any questions about this matter or need further information as it relates to your situation, please advise the City Clerk prior to submitting your application.)**

---

### **AB 1234 Training**

Some Boards, Commissions, and Committees may receive City reimbursement for attending trainings or conferences. Therefore, under State Law, all members of the Board of Library Trustees, Burbank Water and Power Board, Infrastructure Oversight Board, Planning Commission, and Police Commission must receive at least two hours of ethics training, as prescribed by the Fair Political Practices Commission, within one year of appointment and once every two years thereafter.

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### **First Choice**

**FIRST choice for Board/Commission/Committee appointment:**

---

Fire and Building Appeals Board

**Describe any qualifications, experience, and education, as well as any technical or professional background you may have relative to the duties of this position.**

---

I hold a bachelors in Architectural Design from Woodbury University and advanced coursework in Plumbing Engineering Design from UCLA Extension. Additionally I was an adjunct professor, teaching undergraduates and continuing education course work at the University of Rafael Landivar in Guatemala Central America, where i focused on teaching the 2nd through 5th year students on design theory, construction documents, wood and steel design analysis. I taught the use of ecological wood and Light gauge steel framing (CFS-Cold Formed Steel), to architects and engineers.

**What are your goals in serving on this Board/Commission/Committee?**

---

I wish to bring my experience and technical knowledge to the board in taking actions and making decisions that will serve the City of Burbank and by extension its citizens.

---

### **Second Choice**

**SECOND choice for Board/Commission/Committee appointment:**

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Water and Power Board

Victor A Taracena

**Describe any qualifications, experience, and education, as well as any technical or professional background you may have relative to the duties of this position**

---

I hold a bachelors in Architectural Design from Woodbury University and advanced coursework in Plumbing Engineering Design from UCLA Extension. Additionally I was an adjunct professor, teaching undergraduates and continuing education course work at the University of Rafael Landivar in Guatemala Central America, where i focused on teaching the 2nd through 5th year students on design theory, construction documents, wood and steel design analysis. I taught the use of ecological wood and Light gauge steel framing (CFS-Cold Formed Steel), to architects and engineers.

**What are your goals in serving on this Board/Commission/Committee?**

---

I wish to bring my experience and technical knowledge to the board in taking actions and making decisions that will serve the City of Burbank and by extension its citizens.

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**Supplemental Questions (Infrastructure Oversight Board Only)**

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**Acknowledgment**

**Please Read**

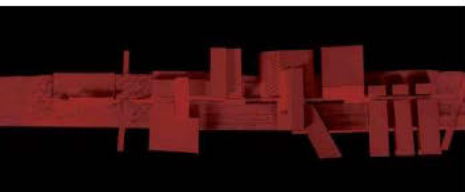
1. All information submitted is a public record and will be posted on the City's website.
2. All Board, Commission, and Committee members serve without compensation from the City.
3. No person shall serve at the same time on more than one Board, Commission or Committee.
4. Applicants must be residents of the City of Burbank.
5. Any person appointed to fill a vacancy shall hold office for the remainder of the unexpired term and must complete the term before applying to serve on another board, commission, or committee.
6. Any person appointed to a Board, Commission, or Committee shall remain in compliance with the City's **Attendance Policy**:
  - o In the event a member of a board, commission, or committee is absent for three (3) regularly scheduled meetings of the board, commission, or committee to which they have been appointed during the 12-month period, the attendance record of such member shall be reviewed by the board, commission, or committee to which the member was appointed. Should the Council excuse the member's three absences, and the member misses a fourth meeting, the City Clerk may proceed with the member's automatic removal by City staff. (See BMC Section 2-1-403, 2-1-405, 2-1-406, 2-1-407)

**I acknowledge that I have read the above, and by selecting 'Agree' I confirm that I have reviewed and understood the information above.**

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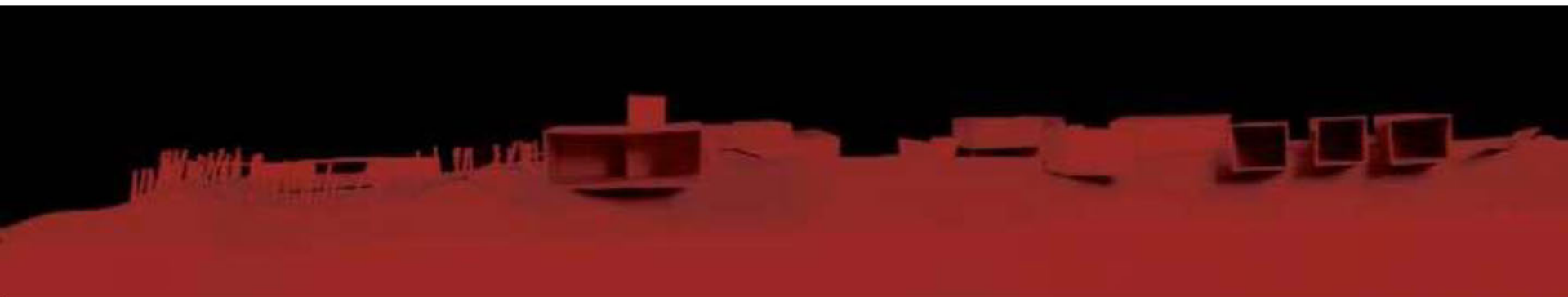
I Agree

Victor A Taracena



# Victor A. Taracena

Professional Curriculum Vitae



# Victor A. Taracena

Professional Curriculum Vitae

## Table of Contents



**RESUME**



**STUDENT**



**PROFESSIONAL**



**ACADEMIC**



**SEMINARS - PUBLICATIONS - AWARDS**





## RESUME

Residency: , Burbank CA 91506

Telephone: 

Email: 

Education: **UCLA - Extensions**  
Plumbing Engineering Systems

**Woodbury University**  
Bachelors in Architectural Design (B.Arch)

**Glendale Community College**  
Architectural Drafting & Design

**The National Programme on Technology  
Enhanced Learning**  
Diploma in the Fundamental of Landscape Architecture

Education:

**The California Building Official Training**  
Means of Egress, A Detailed Analysis,

**The California Building Official Training**  
ADA/Title 24-Accessibility Provisions for Alterations &  
Remodels in Existing Buildings

**The California Building Official Training**  
Simplified Engineering: The Design of Wood Structures

**Georgia - Pacific**  
Finding Design and Construction Efficiencies with  
Integrated Weather Barrier System

**Cemco - Steel Framing Co.**  
Design, Engineering of exterior metal curtain wall  
Systems for mid-rise commercial structures





## RESUME

Education: **The National Programme on Technology  
Enhanced Learning**  
Diploma in the Fundamental of Landscape Architecture

**The National Programme on Technology  
Enhanced Learning**  
Diploma in Contemporary Architecture and Design

**The National Programme on Technology  
Enhanced Learning**  
Advanced Diploma in Sustainable Architecture

**Hollow Metal Manufacturers Association**  
Understanding Fire Rated Openings

**Clark Dietrich Systems**  
Cold Form Steel Framing Connections:





## RESUME

**Employment: Commissioner for the Fire & Building Appeals Board City of Burbank  
July 2022 - Current, Burbank, CA**

To hear and determine appeals from decisions of the Assistant Community Development Director - Building Official regarding the suitability of alternative materials and types of construction required by the Building Code and interpretations of the Building Code,

To hear and determine appeals from any decision, order to notice signed or renewed by the Fire Marshal regarding the suitability of alternate materials, methods of construction, or operation under the Fire Code and interpretations of the Fire Code;

To prepare and recommend for adoption by the City Council, rules and regulations for the conduct of its hearings and investigations;

To recommend for adoption by the City Council, a schedule of fees for appeals to the Board; and,


To recommend to the City Council, amendments to the Building Code or Fire Code

**Employment: Commissioner for the Burbank Unified School District - SFOC  
Oct 2025 - Current, Burbank, CA**

Responsible to review monthly expenditure reports of construction, modernization and/or renovation funds  
Review progress reports of ongoing construction, modernization and/or renovation projects, including bond funded projects on a monthly basis

To inspect under the supervision of the Superintendent of Facilities all school sites where bond proceeds have been or will be expended in accordance and compliance with Article XIII A, Section 1(b)(3) of the California Constitution and D.S.A (Department of State Architect) Standards

Review and provide recommendations regarding the District's efforts to maximize bond proceeds by implementing cost-saving measures, including but not limited to: (1) mechanisms designed to reduce costs of professional fees; (2) mechanisms designed to reduce costs of professional fees; (3) mechanisms to provide alternate & efficient school design





## RESUME

**Employment: Senior Project Architect**  
**BayShore Engineering &**  
**General Contractor**  
A Division of BC, Inc  
**November 2015 - Current Claremont, CA**

Provided residential clients with schematic designs to formal construction documents for room additions, second story additions and ADU structures (Stand alone & Garage conversions),  
Provide detailed cost estimates and contract specifications for clients review,  
Interact with local building department plan check and zoning divisions to ensure construction document approval,  
Provide translation of construction documents into Spanish for on-going projects in Mexico, and Central America,  
Provide quality control inspections to ensure compliance with scope of work, construction specifications, and contract documents,  
Interact with clients to address construction progress and miscellaneous questions.

**Employment: Technical Advisor**  
**(Architectural Materials) Grupo Taracena**  
A Division of Lenny's Enterprises,  
**February 2002 - 201 Guatemala, GUA**

Imported Light Gauge Steel Framing components, drywall and associated materials for house construction and commercial use,  
Provided technical assistance in the integration of light gauge steel framing products into ongoing projects,  
Provided technical seminars to local professionals and universities on the merits of using imported construction materials in their respective projects,  
Provide quality control inspection services for on going projects,  
Worked with local customs processing all shipping containers, Bills of Lading, and the integration of revised tariffs under the treaties of NAFTA and CAFTA.





## RESUME

**Employment: Adjunct Architectural Professor  
University of Rafael Landivar -  
School of Architecture  
February 2010 - 2012 Guatemala, GUA**

Prepared syllabus outlining course and content with measurable metrics and outcomes for Design Studio, Method and Materials, and all other related courses,

Imparted Design classes in wood and structural steel which included topics like design analysis, hybrid design and how green building philosophies can be implemented into building designs,

Imparted Design Studio classes where multi-variant architectural philosophies are studied and discussed with eventual implementation through fictitious projects and in some cases through international design competitions, where concepts like scale, massing, orientation, structure and urban context are used to synthesize and propose a design solution to a specific set of variables which encompassed the project solution,


Imparted materials and methods classes in system integration of Mechanical, Electrical, plumbing (MEP) systems in wood and steel structures for a mixed class of 3rd & 4th year students,

Imparted classes in wood & steel structural design and analysis with emphasis on seismic considerations and the application of structural considerations and their impact on architectural pre-design and design process.

**Employment: Adjunct Architectural Professor  
Continuing Education program  
University of Rafael Landivar -  
School of Architecture  
February 2010 - 2012  
Guatemala, GUA**

Created curriculum and training program for the design and detailing of light gauge steel framing in multi-story residential, multi-story commercial and curtain wall design for light commercial construction as a viable alternative to traditional building construction methods,

Created curriculum and training program for the design and detailing of wood framing in multi-story residential, multi-story commercial and design for light commercial construction as a viable alternative to traditional building construction methods, with special emphasis on the ecological aspects of using engineered lumber



## STUDENT

# Reinterpreting the Glass House (2nd Year- 3 week Design Charrette )

Design a house for a working couple with no children for a vacant site in Palo Alto CA.

I integrated a public restaurant into the private home to study the interactions and mutual subversions of convention that would occur between the domestic and commercial urban spaces. I studied glass house precedents and externalized aspects of domestic life that relies on and interacts with ideas of transparency, opaqueness and the liminal space in between.



STUDENT

## Case Study of an Open Air Pavilion

The assignment was to study the assigned existing building and present the analysis to the class. I researched the architect and the specific project to focus our analysis on the most formally and structurally relevant aspects of the design.

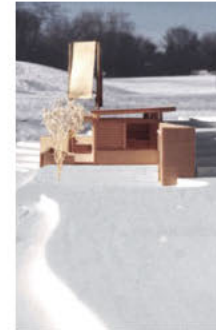
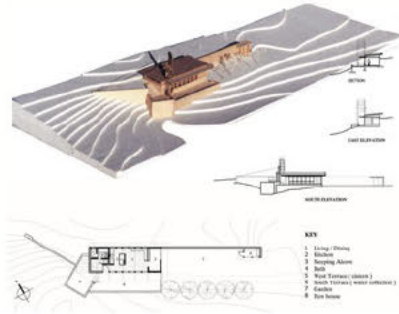
We modeled the building at 1/4" in a partially completed wooden model to better explore the essential structural system.



## STUDENT

# INTERVENTION AT CHEROKEE PARK

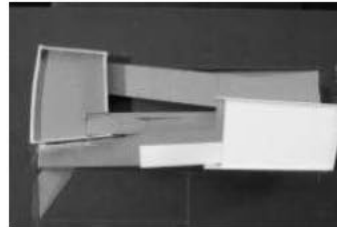
Intended for year-round use as a retreat for one to two people. The building is completely self-sufficient, detached from any county or rural utilities. The design was driven by a desire for the building harmonize with nature. The small interior (392 sq. ft.) is supplemented by a variety of outdoor spaces which increase the sense of spaciousness, while fulfilling programmatic requirements.



## PROFESSIONAL

### SKATE GARAGE

This project came out of a concern for local community, that kids are spending too much time inside. I proposed to design an appropriate architecture for adolescent leisure in the city, suggesting that this architecture would integrate youths' everyday lives into the public realm by interfacing their spaces with spaces for adult generations. The project morphed into the design of a parking garage in Uptown Minneapolis, one that concurrently offers parking and provides opportunities for adolescents to freestyle skate. A bike shop and a snack store were incorporated to interface older generations into this adolescent realm.



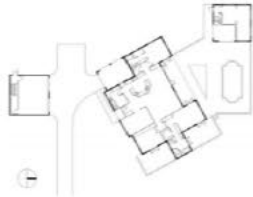
## PROFESSIONAL

### Florida Modern Residence

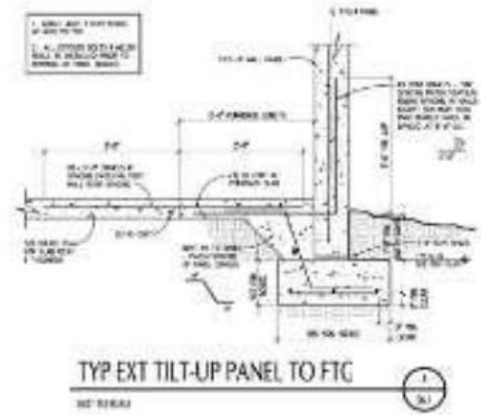
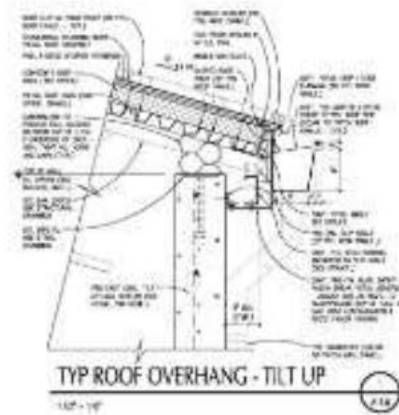
This project in Sanford, Florida was inspired by the vernacular Spanish-style stucco homes in this city in the northern suburbs of Orlando. However, the construction materials were modernized to include exterior walls of factory cast concrete panels and a hollow core concrete panel roof structure with a green roof system.

2400 s.f. residence

500 s.f. pool / guest house 675 s.f. garage apartment



# Construction Detailing





## PROFESSIONAL

Project Management of a Community Center for The Church of the Sacred Water in San Miguel Duenas, Antigua Guatemala that involved the design and supervised installation of a multi-story curtain wall system with a Parex exterior coating.



## PROFESSIONAL

Supplied materials and technical assistance for a 2,500 square meter shopping Center in Zona 18 of Guatemala City, Guatemala for the Developer—Grupo Rosul that involved a framed in wall stud stud systems utilizing light gauge steel framing with structural shearwalls.



## PROFESSIONAL

Designed and Constructed Mobile field for Rio Tinto S.A., consisting of 56 Square meter steel framed structure – San Jose Pinula, Guatemala.



# ACADEMIC

**Universidad Rafael Landívar**  
**Facultad de Arquitectura**  
 Proyectos 3 – Segundo Ciclo, 2010  
 Cateoría: C02  
 Arq. Víctor Adolfo Taravella, ICC, SIA, SSWA  
 Arq. Carmen Vila y Arq. Gladys Barrios, MA

## Teorías y Filosofías Arquitecturales

Proyectos de los arquitectos se ven influidos por el incertidumbre del mundo actual. Las variables vinculadas a los actuales cambios políticos, ambientales, o sociedad han dado forma al tipo de arquitectura y los proyectos resultantes.

En respuesta al flujo de fuerzas externas, los diseños de los edificios y los pasajes cambian y transforman en respuesta al cambio climático, la función y uso en el tiempo. Educado en una era digital, los arquitectos jóvenes están usando cada vez sofisticados modos de explorar nuevos materiales de construcción y tecnologías para crear nuevas realidades en el entorno construido.

## Primer Tema – Vivienda

## Primer Tema – Vivienda

Cuando uno empieza a diseñar, lo mejor dicho evaluar, los elementos que forman parte de la vivienda, pensar en particular que es la **arquitectura** que se construye en un contexto que es un desafío.

Conceptos Teóricos:	Conceptos Prácticos:
<b>Identidad</b>	<b>El Cliente:</b>
<b>Identificación y personalización</b>	1. La definición de los límites y el uso de los espacios.
<b>Identificación</b>	2. El establecimiento de los límites de los espacios.
<b>Identificación</b>	3. El establecimiento de los límites de los espacios.
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**Universidad Rafael Landívar**  
**Facultad de Arquitectura**  
**Área Tecnológica**

### A. Descripción General

Nombre del Proyecto	CONSTRUCCION I
Nombre del Cliente	Paul Freda
Fecha de Inicio	2010
Fecha de Finalización	2010
Ubicación	San José Pinula
Superficie	10,000 m <sup>2</sup>
Valor	10,000,000 Q

**B. Descripción del caso**

Este es un proyecto de construcción de un edificio de oficinas y viviendas en un terreno irregular. El terreno tiene una superficie de 10,000 m<sup>2</sup> y está ubicado en San José Pinula. El proyecto consiste en la construcción de un edificio de oficinas y viviendas que se adapte al terreno irregular. El edificio de oficinas tendrá una superficie de 5,000 m<sup>2</sup> y el edificio de viviendas tendrá una superficie de 5,000 m<sup>2</sup>. El proyecto también incluye la construcción de un estacionamiento para 25 vehículos y un gimnasio.

**Universidad Rafael Landívar**  
**Facultad de Arquitectura**  
**Área Tecnológica**

### A. Programa Constructivo

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**Universidad Rafael Landívar**  
**Facultad de Arquitectura y Diseño**  
**Departamento de Arquitectura**  
**Área Tecnológica**

### Proyecto # 2: Centro Comunitario Educativos en las Residencialidades Lo De Valdez – Km. 20 Car. San José Pinula

Las Residencialidades Lo De Valdez es parte de una comunidad que está creciendo y necesita facilidades para su condominio los condominios a su alrededor. Nuestro objetivo será tomar un terreno irregular que tiene aproximadamente 10,000 m<sup>2</sup> y diseñar un centro comunitario que consiste de lo siguiente:

- Centro de recepción con cuatro oficinas (oficina de Director/a con su oficina, tres oficinas para personal).
- Dos salas de conferencia.
- 4 a 8 aulas para dar clases (ejemplo: corte y confección o otros tipos de clases).
- Una "mini" biblioteca para 25 a 50 personas que se puede convertir a un espacio para reuniones, actividades, etc.
- Centro de "Preschool" con 2 aulas con la posibilidad de expansión a 4 aulas.
- 3 salas para (una para uso al público y uno para uso de los trabajadores).
- Un gimnasio con su oficina y áreas para cambiar y bailar (balleteros y Dama).
- Una piscina.
- Estacionamiento para 25 vehículos, y un estacionamiento para los edificios.
- Que sea acceso para los minusválidos desde el estacionamiento a la entrada de el centro, oficina, baños, aulas, y biblioteca.
- Tamaño del proyecto será: 1:1,200 (Mínimo) a un máximo de 1:1,700.

**Paul Freda Recreation Center, Broomfield Colorado**

**CONSTRUCCION I 2010**  
 Arq. Víctor Adolfo Taravella, ICC, SIA, SSWA  
 Arq. Carmen Vila y Arq. Gladys Barrios, MA

# ACADEMIC

**Cursos Libres Landívar**  
**Diseño y Construcción Ecológico en Madera** (sistema nacional e internacional)  
*Para todo público*



Días sábado: del 28 de abril al 16 de junio  
 horario: de 10:00 a 13:00 horas  
 Lugar: Universidad Rafael Landívar  
 Inversión: Q 850.00

Cupó limitado

Catedrático: Arq. Víctor Taracena

Mayor información:  
 Centro Landívar de Educación Continua  
 Teléfono: 2405-2544 o 2405-2622  
 Correo electrónico: cursoslibres@ul.edu.gt y  
 www.ul.edu.gt/cursoslibres

www.facebook.com/cursoslibreslandivar



**Cursos Libres Landívar**  
**Diseño y Construcción de Estructuras Livianas de Acero** (sistema internacional)  
*Para todo público*



Días sábado: del 28 de abril al 16 de junio  
 horario: de 8:00 a 10:30 horas  
 Lugar: Universidad Rafael Landívar  
 Inversión: Q 850.00

Cupó limitado

Catedrático: Arq. Víctor Taracena

Mayor información:  
 Centro Landívar de Educación Continua  
 Teléfono: 2405-2544 o 2405-2622  
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www.facebook.com/cursoslibreslandivar



2011

PROFESORADO DEL CURSO 2011  
 Arq. Víctor Taracena, Taracena, V.C., Ph.D.  
 Plaza Amable, Taracena, Gu., 240




Introducción al sistema constructivo de estructuras livianas de acero LIGHT GAUGE STEEL FRAMING

INTRODUCCION AL SISTEMA CONSTRUCTIVO: ESTRUCTURAS LIVIANAS EN ACERO LIGHT GAUGE STEEL FRAMING

La introducción al sistema constructivo de acero LIGHT GAUGE STEEL FRAMING es un método de construcción liviana y económica que permite la construcción de edificios de hasta 30 metros de altura. Este curso ofrece una introducción al sistema constructivo de acero LIGHT GAUGE STEEL FRAMING para todo público.

Universidad Rafael Landívar **GRUPO TARACENA**  
*Escuela de Lideres - Desarrollando*

La Facultad de Arquitectura de la Universidad Rafael Landívar y Grupo Taracena le invita a la conferencia

**Steel Framing Building System**  
 Un método de construcción nuevo en Guatemala utilizado desde hace mucho tiempo en EEUU

Lugar:  
 Km. 25 Carri A San José Pinula "La De Volcan", Lote 5, No. 1-11

Horario:  
 09:30 horas

Continuar asistencia:  
 grupotarcena@gmail.com  
 Tel. 5107-1724

Fecha:  
 Sábado 02 de Septiembre



# ACADEMIC

## Estructura Liviano de Acero (ELA) de alta rendimiento

Una Introducción a lo mas avanzado en Sistemas Constructivos para:



Presentado por:

## Introducción a las Estructura Liviano de Acero (ELA)

El Ambiente **Acero**

una material ambientalmente amistosa :

- ✓ Por cada tonelada de acero que se recicla, se conserva 2,500 libras de hierro, 1400 libras de carbón, y 120 libras de piedra de caliza.
- ✓ Una casa de acero llena **2 pies cúbicos** de escombros en un vertedero comparado a 50pies cúbicos de escombros de una casa de madera y 85 pies cúbicos de una casa de bloque (tradicional)
- ✓ Menos de 6% de acero esta en los vertederos



## Facultad de Arquitectura

Sa. Avenida 9-00 Zona 2,  
Interior Finca El Zapote  
Ciudad de Guatemala, Guatemala, C.A.

## Porque Steel Framing?

Forma de Construcción de Steel Frame



## Porque Steel Framing?

- ▶ **Durabilidad** - Una de las ventajas más evidentes de utilizar acero sobre madera o bloques de hormigón en la construcción residencial y comercial es la durabilidad. Mientras que el acero es mucho más fuerte que los productos de madera, hay otras ventajas de durabilidad también. En lo que respecta a la construcción de bloques de hormigón que tiene mejores valores térmicos y una mayor flexibilidad estructural y diseño. La madera es susceptible a las termitas y otras plagas, mientras que el acero no. Steel también ofrece una estructura con mayor resistencia en el caso de terremotos, incendios y otros desastres naturales.
- ▶ **Diseño** - Arquitectos, diseñadores y constructores están encontrando muchas ventajas al uso de acero sobre la madera en la construcción residencial en Massachusetts. Una de las oportunidades más beneficiosas es la capacidad de abarcar mayores distancias con las vigas del techo de acero frente a las de madera. Esto permite a los arquitectos para ampliar sus opciones, que les permite crear nuevo espacio utilizando los productos de acero que simplemente no están disponibles con otros materiales.

## Cambios Técnicos

▶ **No solo cambiamos el nombre pero cambiamos la designación de calibre y como se identifica**

El Viejo forma de identificar un poste o canalita: **2 1/2" x 8'-0" de calibre 20**

El Nuevo formato: **250I125-30 (Mills)**

Grupo del miembro estructural: 2 1/2" x 250

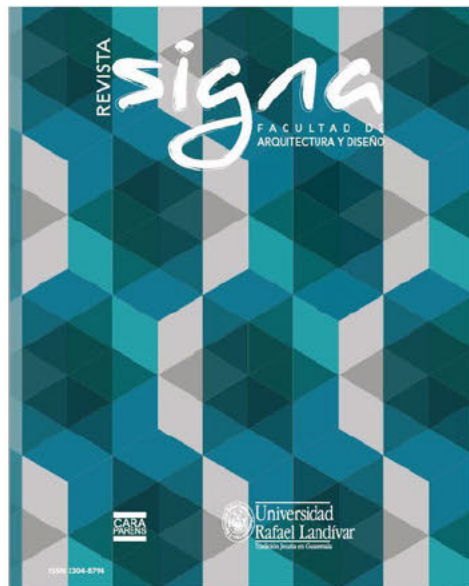
El tamaño de la perforación

250 I 125 - 30 (Mills)

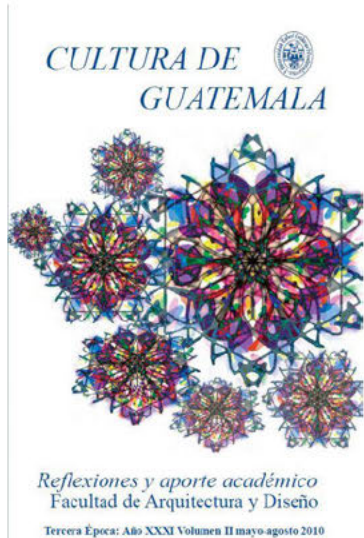
Gruesor de la lamina (peltal)

Designación si es poste o canalita:  
Poste esta designado como "I"  
Canalita esta designado como "C"

## SEMINARS - PUBLICATIONS - AWARDS



## SEMINARS - PUBLICATIONS - AWARDS



### Arquitectura verde

Arq. Victor Tarazona  
Catedrático Woodbury University USA

¿Qué exactamente es la arquitectura verde?

Arquitectura verde es un enfoque de la construcción que se ha vuelto más frecuente en los últimos 25 a 30 años. También conocido como diseño sostenible, la arquitectura verde es simplemente un método de diseño que minimiza el impacto de la construcción sobre el medio ambiente. Una vez considerados como no convencionales y no-estándar, la arquitectura ecológica se está convirtiendo rápidamente aceptado por las dos agencias reguladoras y el público en general como un medio socialmente responsable y lógico de la construcción.

Los comienzos de la actual revolución verde se remontan a la conciencia social de la década de 1960 y el diseño europeo, como se encuentra en Escandinavia. A partir de estos orígenes, nuevas técnicas de construcción han llevado al desarrollo de materiales innovadores y conceptos de diseño. En efecto, diseñado con éxito los proyectos ecológicos pueden incluir una amplia gama de factores, que van desde el uso de recursos de materiales, a un cuidadoso examen de la función, el clima, y ubicación.

Entonces, ¿qué hace que algo sea "verde"?

Los conceptos de la arquitectura verde en general, se pueden organizar en varias áreas de aplicación. Estas áreas incluyen la sostenibilidad, los materiales, la eficiencia energética, uso de la tierra, y la reducción de residuos.

55

### Arquitectura verde

residuos mediante el uso de reciclado de aguas grises y otras estrategias de energía sostenible.

#### Uso de la tierra

La selección del sitio y la orientación del edificio también desempeñan un papel crítico en el diseño de cultura verde. Un edificio verde es ubicado para aprovechar su clima y sus alrededores. Estas condiciones no sólo afectan a la eficiencia de un edificio, sino a la comunidad y la sociedad en su conjunto. En la planificación para el uso responsable de la tierra se tratan estas cuestiones a través de la consideración del clima, el transporte y el medio ambiente natural.

#### Reducción de residuos

Es asombrosa la cantidad de residuos generados por la construcción de un edificio típico. Los edificios verdes están diseñados para eliminar los residuos mediante el uso de sistemas modulares de construcción, productos reciclados, y el uso eficiente de los materiales. El edificio verde ideal sería no crear ningún desecho, ya sea durante la construcción o el uso, por lo que el impacto sobre el medio ambiente y los recursos se reduce al mínimo.

#### Resumen

Hay un día, el diseño sostenible se está convirtiendo en una parte natural de un número cada vez mayor de los edificios. Como los recursos naturales disminuyen, diseño verde tendrá un papel fundamental en nuestro medio ambiente construido. Como arquitectos, tenemos una obligación con la sociedad para actuar como buenos custodios de este planeta mediante el desarrollo y la aplicación de las filosofías de diseño sostenible que buscan mejorar la calidad del entorno construido, reduciendo al mínimo o incluso eliminar los efectos negativos para el medio ambiente natural.

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## SEMINARS - PUBLICATIONS - AWARDS

Detalles Constructivos e Información Técnica  
Para  
El Diseño, Especificación, Utilización y Construcción  
de  
Estructural Formado en Frio (CFS)  
(Cold Formed Steel)



Preparado por el Arq. Víctor A. Taracena, SFA, SSMA, USGBC,

Publicación técnica para uso académico a través de:

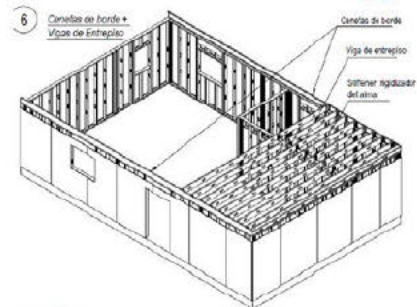


La información contenida dentro de este expediente es para informar e instruir. El Arquitecto, Ingeniero o Constructor debe consultar al Productor, Distribuidor o profesional certificado en el diseño de Acero Formado en Frio (CFS) para asegurar el uso correcto del material. Grupo Taracena no se hace responsable por el uso incorrecto de la información presentada dentro de este expediente.

1

### Montaje del Entrepiso

Se preparan las vigas de entrepiso según su medida verificando también que la distancia total, entre paneles exteriores opuestos coincida con la medida de los planos. Se procede al corte de las mismas a la medida requerida. Así mismo se preparan los rigidizadores y los perfiles "L", que se utilizarán para la correspondiente fijación de la viga al panel. Primero se colocarán las soleras de cierre y posteriormente las vigas de entrepiso. Es muy importante recordar la colocación de los entenas en los apoyos de las vigas y bajo muros de carga, para evitar el abollamiento del albañil.



Deberán preverse los espacios destinados a vanos en el entrepiso.

92

## SEMINARS - PUBLICATIONS - AWARDS



### La Universidad Rafael Landívar a través de su Departamento de Arquitectura

Otorgan el presente reconocimiento  
al grupo ganador de estudiantes de Proyectos Arquitectónicos,  
con la selección de la propuesta para la elaboración e instalación de

“Folies Commemorativos a los

50 años de la Universidad Rafael Landívar”.

Guatemala, 10 de febrero de 2011



## SEMINARS - PUBLICATIONS - AWARDS

Universidad del Valle de Guatemala



Conferencia: Sistemas Constructivos  
Uso & Aplicación de la Madera como Sistema Constructivo Sostenible en Guatemala

Fecha: 29 de Julio 2011  
Hora: 3:00 pm a 5:00 pm  
Lugar: Auditorium F-101  
Ultimo dia para inscribirse: 26 de julio

Más información:  
Departamento de Ingeniería Civil  
Engrain Barillas  
Teléfono: 2364-0316 Ext. 546 y 574  
Correo electrónico: ebarillas@uvv.edu.gt

Patrocinado por:



Conferenciista:  
El Arq. Victor A. Taracena, un arquitecto americano con 20 años de experiencia en el sistema constructivo en madera. Cuenta con experiencia como inspector de edificios & vivienda para el Departamento de Planificación & Edificación de la Ciudad de Long Beach y como Director del departamento de Diseño & Construcción para el Departamento de Desarrollo Habitacional y Urbano de los EOUJ. Actualmente es co-propietario de Grupo Taracena, una compañía importador de productos de construcción certificados LEEDS por USGBC.



**UNIVERSIDAD  
MARIANO GÁLVEZ**

POR MEDIO DE LA  
FACULTAD DE ARQUITECTURA  
PRACTICA PROFESIONAL SUPERVISAD PPS  
ENTREGA EL SIGUIENTE RECONOCIMIENTO  
AL SEÑOR:

Arq. Victor A. Taracena

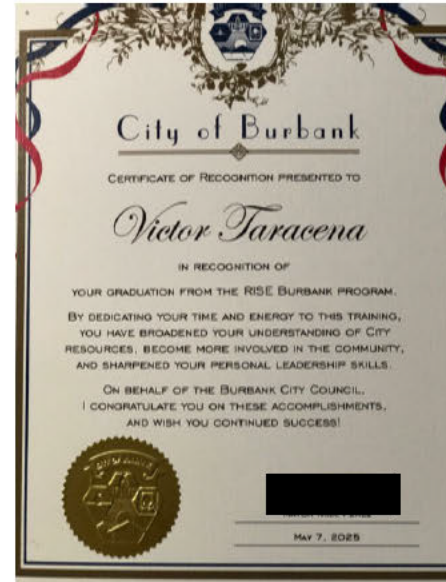
POR SU PARTICIPACIÓN EN EL TALLER BASADO EN EL SISTEMA  
CONSTRUCTIVO STEEL FRAMING  
CELEBRADO EL VIERNES 2 DE OCTUBRE DEL PRESENTE AÑO



COORDINACIÓN DE  
PRACTICA PROFESIONAL SUPERVISADA



## SEMINARS - PUBLICATIONS - AWARDS



# SEMINARS - PUBLICATIONS - AWARDS



Board of Education  
Dr. Usman Agha-Khanlou, President  
Abby Pontzer-Karskar, Vice President  
Dr. Emily Weisberg, Clerk  
Laurette Lano

Burbank Unified School District  
Facilities Services  
510 S. Shelton St  
Burbank, CA 91506  
Ph: 818-779-5502 • Fax: 818-779-3484

Interim Superintendent  
Oscar Macias, Ed.D.

October 6, 2025

Victor Taracena

Burbank, CA 91506

It is with great pleasure that I inform you, on behalf of the Board of Education of the Burbank Unified School District, that at its regular meeting on September 18, 2025, you were appointed to serve on the School Facilities Oversight Committee. The duration of your term will be determined and established during the meeting.

You will receive notice of meeting times and dates by the District's Facilities Services Office. Thank you for your interest in serving on the Committee and for your support of the Burbank Unified School District.

Sincerely,

Oscar Macias  
Interim Superintendent

c Board of Education  
Facilities Services

# Application Form

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## Profile

Christopher \_\_\_\_\_ G \_\_\_\_\_ Malotte \_\_\_\_\_  
First Name Middle Initial Last Name

\_\_\_\_\_ \_\_\_\_\_  
Email Address

\_\_\_\_\_ \_\_\_\_\_  
Home Address Suite or Apt

Burbank \_\_\_\_\_ CA \_\_\_\_\_ 91505 \_\_\_\_\_  
City State Postal Code

\_\_\_\_\_ \_\_\_\_\_  
Primary Phone Alternate Phone

Southern California Edison \_\_\_\_\_ Sr. Manager \_\_\_\_\_ Energy Efficiency Program  
Employer Job Title Occupation Management

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## Which Boards would you like to apply for?

Burbank Water and Power Board: Submitted

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## Length of time as a Burbank Resident:

11 years

## Burbank Registered Voter?

Yes  No

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## Interests & Experiences

Please tell us about yourself and why you want to serve.

## Why are you interested in serving on a board, commission or committee?

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My interest in serving on the Burbank Water and Power (BWP) Board is deeply rooted in my commitment to public service and my passion for improving our community. For the first 5 months of this year, I took a sabbatical abroad in Spain with my family and learned more about the importance of renewables to hedge against volatility in power prices. However, prior to that I was a BWP board member for nearly 4 years, including serving as Chair and Vice Chair this past year. Now that I am back in Burbank, I am eager to resume contributing to my community. I felt that I was able to make a unique and meaningful contribution in my prior role as BWP board member and I am hopeful to be able to do so again. During my time on the board, I actively participated in critical discussions related to the Integrated Resources Plan, the launch of innovative programs like Demand Response and Building Electrification, and key financial matters such as budget allocations and bond issuances. As Chair, I worked closely with BWP staff to ensure that these proposals were meticulously developed, well-designed, and effectively communicated to the public and city council. My approach is grounded in practical problem-solving. I believe in finding real-world solutions that balance sustainability with the essential goal of providing safe, reliable, and affordable power to our community (with a focus on supporting disadvantaged communities). BWP is already a best-in-class utility, and I am committed to leveraging my expertise to drive even greater focus on sustainability while maintaining our commitment to excellence. I am honored to have made a positive impact on the city I call home, and I look forward to continuing this important work on the BWP Board.

## Education

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Arizona State University MS Engineering Technology, Alternative Energy, Dec. 2011  
University of California, San Diego BS Physics, Minor in Political Science, March 2008

## Additional Pertinent Courses or Training

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Burbank Master Recycler Class

## Other Pertinent Skills, Experience or Interests

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- Ability to lead others, problem solve, learn quickly, and adapt to new situations
- Ability to relate technical details to non-technical, business-driven people
- Ability to understand and explain economic impacts of a given program or technology

[Upload a Resume](#)

---

## Community Involvement

**Specify current or prior service on a City Board, Commission or Committee, listing specific the specific Board, Commission, or Committee and dates of prior service.:**

---

BWP Board (Apr 2022 - Jan 2026) Chair, BWP Board (Aug 2023 - Aug 2024) Vice Chair, BWP Board (Aug 2022 - Aug 2023)

**List Community activities in which you are involved:**

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Coach and Assistant Coach, AYSO Volunteer, Thomas Jefferson Elementary

If you are related to any City of Burbank employee(s), please state their name(s), relationship(s), and department(s). If you are not related to a City of Burbank employee, please put N/A.

---

N/A

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## **Conflict of Interest**

### **Conflict of Interest:**

**Rules of law and ethics prohibit members from participating in and voting on matters in which they may have a direct or indirect conflict of interest including a financial interest. Are you aware of any potential conflicts of interest which may develop from your occupation or financial holdings in relation to your responsibilities as a member of the Board, Commission or Committee to which you seek appointment?**

---

Yes  No

**If you answer yes, explain in detail any potential conflicts in the same manner as required by the Fair Political Practices Commission's Statement of Economic Interests (Form 700). (If you should have any questions about this matter or need further information as it relates to your situation, please advise the City Clerk prior to submitting your application.)**

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## **AB 1234 Training**

Some Boards, Commissions, and Committees may receive City reimbursement for attending trainings or conferences. Therefore, under State Law, all members of the Board of Library Trustees, Burbank Water and Power Board, Infrastructure Oversight Board, Planning Commission, and Police Commission must receive at least two hours of ethics training, as prescribed by the Fair Political Practices Commission, within one year of appointment and once every two years thereafter.

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## **First Choice**

### **FIRST choice for Board/Commission/Committee appointment:**

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Burbank Water and Power Board

**Describe any qualifications, experience, and education, as well as any technical or professional background you may have relative to the duties of this position.**

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I have been working at large electric utilities for over 10 years. My experience has ranged from transmission and distribution to energy innovation to customer programs and regulatory. I focus on driving innovation through pragmatic solutions that diverse stakeholders can rally around. I have experience working on smart grid technologies, energy innovation, renewable energy, electric vehicles, energy efficiency, and clean energy programs, all with the goal of driving to a sustainable, carbon free economy. In my current role as Senior Manager of Codes and Standards at Southern California Edison (SCE), I lead a team of engineers, program managers, and support staff focused on energy codes and

Christopher G Malotte

standards. The team is responsible for advocacy and compliance with more efficient building and appliance standards at the federal, state, and local levels. We are responsible for thinking 10 or more years into the future and developing the processes and roadmaps to prepare. The team is also responsible for helping local governments with sustainability plans, reach codes, and carbon reduction strategies and implementation of the nation's first GHG emissions incentive program (the Clean Energy Optimization Pilot; CEOP). Prior to that, I worked at SCE as a Sr. Advisor focused on DSM Planning, Integration, and Strategy. In this role, I led the development of an \$1.56B energy efficiency application for 2024-2027 and I co-led the development and implementation of the CEOP. In these examples, I took a solution from conceptual design to regulatory application to successful implementation. CEOP is a first-of-its-kind performance-based program designed to incent UC and CSU campuses to reduce GHG emissions. The program has proven very successful leading the campuses to save over 200,000 tons of GHG emissions. Before coming to SCE, I worked at Arizona Public Service (APS) in the Smart Grid Planning department as a Smart Grid Analyst. While there, I managed an executive level Operation Technology Advisory Committee, which assessed various new technologies and their potential impact on the company. In this role, I interacted with internal executives, external key industry leaders, and technology innovation organizations (including EPRI, NREL, and SEPA). I also led development of a transformer load management tool, project management of several demonstration pilots, and led several cross-functional initiatives (including development of a company strategies for demand response, smart grid, transportation electrification, energy storage, and microgrids).

Experience Details: Senior Manager, Codes and Standards & CEOP, Southern California Edison, Irwindale, CA (2023 - Current) • I provide strategic direction and vision for the Energy Codes and Standards team at Southern California Edison. I lead a cross-functional team responsible for shaping energy policies, advocating for codes and standards, and driving compliance across the organization. • Managing a budget of \$110 million, I allocate resources effectively to support critical programs. These include the following programs: National Codes & Standards Advocacy, State Appliance and Building Codes Advocacy, Code Compliance Improvement, Reach Codes, Planning & Coordination, and CEOP. • I collaborate with industry stakeholders, regulatory bodies, and government agencies to influence codes and standards development. By fostering strong relationships, I drive alignment between organizational goals and industry best practices. • I oversee project execution, monitor milestones, and ensure timely delivery. My focus on operational excellence enables successful program outcomes and contributes to Southern California Edison's leadership in energy efficiency and sustainability. Senior Advisor, Public Sector Strategy & REN Coordination, Southern California Edison, Rosemead, CA (2014 - 2023) • Led development of \$1.56B Energy Efficiency Application for 2024-2027. These funds deliver cost-effective energy efficiency savings, ensure market viability and vitality, and address hard-to-reach and disadvantaged communities. • Led EE Modernization effort for SCE which streamlines how SCE delivers DSM programs to customers to drive greater energy savings, community engagement, and cost effectiveness. Policy proposals included a GHG emissions reduction goal, 4-year application cycles, alignment of EE Potential and Goals with EE reporting and measurement, and cost-effectiveness realignment. Policy proposals adopted by CPUC in May 2021. • Led development and implementation of \$20M Clean Energy Optimization Pilot, a first of its kind customer friendly offering designed to incent pilot participants to reduce GHG emissions through on-site energy related measures. • SCE representative to the California Energy Efficiency Coordinating Committee (CAEECC). Manage customer service perspective for EE regulatory work including comments and reply comments on Potential and Goals, Business Plan, REN Joint Cooperation Memos, Local Government Terms and Conditions and any data requests • Strategy and coordination lead for ~\$50M+/yr. Regional Energy Networks (Southern California REN, Tri-County REN, Inland REN, Rural REN). Smart Grid Program Analyst, Arizona Public Service, Phoenix, AZ (2011-2014) • Managed and coordinated Operational Technology Advisory Committee - executive committee that sets the course for the company regarding various technologies. • Managed all aspects of transportation electrification for APS, including implementation of Electric Vehicle Time-of-Use rate, interfacing with Customer Service and Transmission & Distribution to manage electric vehicle load, and regulatory filings. This included a regulatory compliance filing on electric vehicles submitted to the Arizona Corporation Commission each year. • Worked with various consultants and APS personnel to develop and get executive approval for \$250M 5-year smart grid strategy. • Educated internal and external stakeholders and the public through presentations on APS's electric vehicle program. Additionally, worked with the other AZ utilities to increase support for and participation in EVAZ Electric Vehicle Policy Stakeholder Group. EVAZ is a diverse group of stakeholders including utilities, OEMs, local governments, and others interested in electric vehicles with the goal of driving increased

adoption of electric vehicles. • Led multiple business unit initiatives to develop strategy for optimizing and electrifying APS motorized fleet. • Assisted with multiple business unit initiative to develop company strategy for demand response. • Managed \$1.5M Chase Field battery storage and electric vehicle charging station deployment; the first EV chargers to be deployed on city streets in the US. • Led multiple business unit initiative to develop company strategy for energy storage. • Assisted with multiple business unit initiative to develop company strategy for microgrids. • Assisted with the marketing, deployment, and testing of Home Energy Information Pilot Program. This pilot tested the feasibility of demand response capable thermostats and smart phone energy information apps. • Assisted with the deployment of APS Schools and Government Solar Program and presented to internal stakeholders and community relations representative about Schools and Government Solar Program Education: Arizona State University MS Engineering Technology, Alternative Energy, Dec. 2011 University of California, San Diego BS Physics, Minor in Political Science, March 2008

---

**What are your goals in serving on this Board/Commission/Committee?**

As I seek reappointment to the Burbank Water and Power (BWP) Board, I seek to uphold BWP's exemplary standards in reliability, safety, and affordability, while championing for sustainable practices. In the past four years, BWP has made significant strides, such as instituting a forward-thinking two-year budget and rate process, launching innovative demand response and building electrification initiatives, and pioneering Southern California's first long-duration iron-flow battery. Additionally, the adoption of a new Integrated Resources Plan and the appointment of a new General Manager have been pivotal in focusing on driving to a future vision for the organization. My vision for BWP's future is to accelerate our progress in customer-focused programs, renewable energy adoption, and conservation efforts. The urgency to combat climate change is greater than ever, and I am dedicated to ensuring that BWP leads the charge with actionable solutions. As a parent and a ratepayer, I deeply understand the necessity of balancing environmental initiatives with economic considerations. Ensuring affordable rates and maintaining a strong financial foundation are paramount to our success. Recognizing my position of privilege, I am determined to be a voice for underserved communities, seeking to ensure that their voices are incorporated into our decision-making process. My tenure has allowed me to build strong relationships with the BWP staff and management. They are all dedicated civil servants working with the best interest of the community in mind and I would love to continue to be involved in shaping the direction of this organization. I am eager to continue contributing to BWP's legacy, steering our organization towards a future where innovation, community engagement, and environmental stewardship are the hallmarks of our service.

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**Second Choice**

**SECOND choice for Board/Commission/Committee appointment:**

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**Describe any qualifications, experience, and education, as well as any technical or professional background you may have relative to the duties of this position**

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**What are your goals in serving on this Board/Commission/Committee?**

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**Supplemental Questions (Infrastructure Oversight Board Only)**

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## Acknowledgment

### Please Read

1. All information submitted is a public record and will be posted on the City's website.
2. All Board, Commission, and Committee members serve without compensation from the City.
3. No person shall serve at the same time on more than one Board, Commission or Committee.
4. Applicants must be residents of the City of Burbank.
5. Any person appointed to fill a vacancy shall hold office for the remainder of the unexpired term and must complete the term before applying to serve on another board, commission, or committee.
6. Any person appointed to a Board, Commission, or Committee shall remain in compliance with the City's **Attendance Policy**:
  - In the event a member of a board, commission, or committee is absent for three (3) regularly scheduled meetings of the board, commission, or committee to which they have been appointed during the 12-month period, the attendance record of such member shall be reviewed by the board, commission, or committee to which the member was appointed. Should the Council excuse the member's three absences, and the member misses a fourth meeting, the City Clerk may proceed with the member's automatic removal by City staff. (See BMC Section 2-1-403, 2-1-405, 2-1-406, 2-1-407)

**I acknowledge that I have read the above, and by selecting 'Agree' I confirm that I have reviewed and understood the information above.**

---

I Agree

# CHRISTOPHER G. MALOTTE

BURBANK, CA 91505

## Education

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*Arizona State University*

MS Engineering Technology, Alternative Energy, Dec. 2011

*University of California, San Diego*

BS Physics, Minor in Political Science, March 2008

## Relevant Experience

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*Senior Manager, Energy Efficiency Codes and Standards, Southern California Edison, Rosemead, CA (Nov 2022 – current)*

- Lead a team of engineers, program managers, and support staff focused on energy codes and standards. The team is responsible for advocacy and compliance with more efficient building and appliance standards at the federal, state, and local levels. The team thinks 10 or more years into the future and develops the processes and roadmaps to prepare for that future. The team is also responsible for helping local governments with sustainability plans, reach codes, and carbon reduction strategies and implementation of the nation's first GHG emissions incentive program (Clean Energy Optimization Pilot).

*Senior Advisor, Public Sector Strategy & Coordination, Southern California Edison, Rosemead, CA (Jul 2016 – Nov 2022)*

- Led EE Modernization effort for SCE seeking to streamline how SCE delivers DSM programs to customers to drive greater energy savings, community engagement, and cost effectiveness.
- Developed and implemented \$20M Clean Energy Optimization Pilot, a first of its kind customer friendly offering designed to incent pilot participants to reduce GHG emissions through on-site energy related measures. First year evaluation showed 33% greater than expected results in  $\frac{3}{4}$  of a year.
- SCE representative to the California Energy Efficiency Coordinating Committee (CAEECC). Managed customer service perspective for EE regulatory work including comments and reply comments on Potential and Goals, Business Plan, REN Joint Cooperation Memos, Local Government Terms and Conditions and any data requests
- Strategy and Program management for \$20M+/yr. Regional Energy Networks (Southern California Regional Energy Network and Tri-County Regional Energy Network).
- Program management for \$1.2M/yr. Statewide Energy Efficiency Collaborative (SEEC). SEEC is a collaborative of CA investor owned utilities and three non-governmental organizations to promote energy efficiency and sustainability best practices to local governments throughout the state.

*Marketing Analyst 2, Southern California Edison, Rosemead, CA (Aug 2014 – Jul 2016)*

- Assisted with any regulatory work for DSM Partnerships. Work included developing two program abstracts, two Program Implementation Plans, a Partnership dashboard, and a comparison tool for changes associated with the CA Long-Term Energy Efficiency Strategic Plan.
- Program management for work related to CA Long-Term Energy Efficiency Strategic Plan. Responsibilities included refresh of Strategic Plan offering, development of Strategic Plan Best Practices Report, approving Strategic Plan applications, reviewing deliverables, interacting with project managers, and reporting on progress of work-to-date.
- Led SCE's Operational Excellence initiative for Public Sector Energy Efficiency Program group, resulting in more than 75 fewer contracts, consolidation of 5 partnerships, and over \$2.5M in savings.
- Approved any co-branded marketing piece that partners develop as part of their partnership. This process was streamlined through my development of a co-branding checklist and use of the OneVoice approval process.

*Smart Grid Program Analyst, Arizona Public Service, Phoenix, AZ (Sept 2012 – Aug 2014)*

- Managed and coordinated Operational Technology Advisory Committee – executive committee that sets the course for the company regarding various technologies. This included giving several executive presentations on electric transportation, vehicle safety technologies, and home thermal storage technologies.
- Managed all aspects of transportation electrification for APS, including implementation of Electric Vehicle Time-of-Use rate, interfacing with Customer Service and Transmission & Distribution to manage electric vehicle load, and regulatory filings. This included a regulatory compliance filing on electric vehicles submitted to the Arizona Corporation Commission each year.
- Worked with various consultants and APS personnel to develop and get executive approval for \$250M 5-year smart grid strategy.
- Developed Transformer Load Management Tool business case and acted as project manager for Transformer Load Management Tool development and roll out.
- Educated internal and external stakeholders and the public through presentations on APS's electric vehicle program. Additionally, worked with the other AZ utilities to increase support for and participation in EVAZ Electric Vehicle Policy Stakeholder Group. EVAZ is a diverse group of stakeholders including utilities, OEMs, local governments, and others interested in electric vehicles with the goal of driving increased adoption of electric vehicles.
- Led multiple business unit initiatives to develop strategy for optimizing and electrifying APS motorized fleet.
- Assisted with multiple business unit initiative to develop company strategy for demand response.
- Managed \$1.5M Chase Field battery storage and electric vehicle charging station deployment; the first EV chargers to be deployed on city streets in the US.
- Led multiple business unit initiative to develop company strategy for energy storage.
- Assisted with multiple business unit initiative to develop company strategy for microgrids.
- Assisted with the marketing, deployment, and testing of Home Energy Information Pilot Program. This pilot tested the feasibility of demand response capable thermostats and smart phone energy information apps.

*Sr. Program Coordinator, Arizona Public Service, Phoenix, AZ (Dec 2011 – Sept 2012)*

- Assisted with the deployment of Schools and Government Solar Program. This included creating work orders, updating databases, and running reports
- Developed list of pre-qualified schools to increase participation in the program
- Presented to internal stakeholders and community relations representative about Schools and Government Solar Program

*Renewable Energy Summer Intern, Arizona Public Service, Phoenix, AZ (June 2011 – Dec 2011)*

- Modeled production output and forecasted 20-year budget for solar production-based incentive programs
- Researched and presented on the physical and economic feasibility of smart inverters
- Led team to develop a Renewable Energy Book of Programs
- Researched and monitored regulatory and government affairs related to renewable energy and smart grid
- Developed process documentation for Renewable Energy data collection and reporting
- Processed small, medium, and large non-commercial renewable incentive applications

*Fluidics and Device Systems Engineer Summer Intern, Applied Biosystems, Foster City, CA (Summers of 2005 & 2006)*

- Designed, executed, and analyzed data for an experiment testing thermo-profile of Diffractive Optics Real Time PCR Machine
- Designed, executed, and developed an experiment evaluating the fluorescence signal capturing ability of diffractive optics setup
- Designed, executed, and analyzed data of experiment assessing PCR viability of diffractive optics setup. Assisted in development of cell sorting device
- Designed, executed, and analyzed data for experiment testing speed and intensity of cell movement in cell sorting device
- Analyzed data and results and presented a formal report to division

## Other Work Experience:

---

*System Design Administrator - SunRenu Solar - Scottsdale, AZ (Sept 2010 - Apr 2011)*  
*Assistant Underwriter - CIBA Insurance Services - Glendale, CA (Nov 2009 - May 2010)*  
*Deputy Field Organizer - Campaign for Change - Fort Collins, CO (Sept 2008 - Nov 2008)*  
*Manager/Valet - Sunset Parking Services - San Diego, CA (Nov 2005 - Sept 2008)*  
*Shift Manager - Old Fashioned Kettle Korn - Sherman Oaks, CA (Sept 2000 - Sept 2005)*

## Relevant Skills and Abilities

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### *Engineering/science skills*

- Computer skills (PowerPoint, Excel, Word, Access, Tableau, Matlab, Assembly Code), basic electronics skills (oscilloscope, function generator, microprocessors), and machining skills (lathe, drill press, milling machine)

### *Other abilities*

- Ability to lead others, problem solve, learn quickly, and adapt to new situations
- Ability to relate technical details to non-technical, business-driven people
- Ability to understand and explain economic impacts of a given program or technology

## Awards/Achievements

---

*Finalist for SEPA Utility of the Year Award (2019)*  
*Finalist for Public Utilities Fortnightly Top Innovator Award (2019)*  
*Nominee for Ted Craver Leadership in Business Innovation (2020)*  
*Nominee for Edison Award (2019)*  
*SCE Spot Bonus SC02 - Significant contributions that lead to major growth, innovation or cost-savings (June 2018)*  
*APS Living the Vision Award (August 2013 & January 2014) GPSA*  
*Jumpstart Grant Award Recipient (2011)*

# Application Form

## Profile

Lindsey \_\_\_\_\_ Francois \_\_\_\_\_  
 First Name Middle Initial Last Name

\_\_\_\_\_  
 Email Address

\_\_\_\_\_  
 Home Address Suite or Apt

Burbank \_\_\_\_\_ CA \_\_\_\_\_ 91506 \_\_\_\_\_  
 City State Postal Code

\_\_\_\_\_  
 Primary Phone Alternate Phone

Mote, Inc \_\_\_\_\_ Senior Engineer \_\_\_\_\_ Engineering \_\_\_\_\_  
 Employer Job Title Occupation

## Which Boards would you like to apply for?

Burbank Water and Power Board: Submitted  
 Infrastructure Oversight Board: Submitted

## Length of time as a Burbank Resident:

11 years

## Burbank Registered Voter?

Yes  No

## Interests & Experiences

Please tell us about yourself and why you want to serve.

### Why are you interested in serving on a board, commission or committee?

Our beautiful community doesn't just happen, it is the generous giving of its citizens valuable time that is necessary to create and maintain a desirable and welcoming place to live. I wish to be of service to our community.

## Education

Bachelor of Science in General Engineering from the University of Illinois Master of Arts in Secondary Education from Alliant University

## Additional Pertinent Courses or Training

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## Other Pertinent Skills, Experience or Interests

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Upload a Resume

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## Community Involvement

**Specify current or prior service on a City Board, Commission or Committee, listing specific the specific Board, Commission, or Committee and dates of prior service.:**

no prior service on a city board, commission or committee

**List Community activities in which you are involved:**

I have been a member of Inspire Martial Arts for 7 years, and am now an instructor at the school.

**If you are related to any City of Burbank employee(s), please state their name(s), relationship(s), and department(s). If you are not related to a City of Burbank employee, please put N/A.**

N/A

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## Conflict of Interest

**Conflict of Interest:**

**Rules of law and ethics prohibit members from participating in and voting on matters in which they may have a direct or indirect conflict of interest including a financial interest. Are you aware of any potential conflicts of interest which may develop from your occupation or financial holdings in relation to your responsibilities as a member of the Board, Commission or Committee to which you seek appointment?**

Yes  No

**If you answer yes, explain in detail any potential conflicts in the same manner as required by the Fair Political Practices Commission's Statement of Economic Interests (Form 700). (If you should have any questions about this matter or need further information as it relates to your situation, please advise the City Clerk prior to submitting your application.)**

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## **AB 1234 Training**

Some Boards, Commissions, and Committees may receive City reimbursement for attending trainings or conferences. Therefore, under State Law, all members of the Board of Library Trustees, Burbank Water and Power Board, Infrastructure Oversight Board, Planning Commission, and Police Commission must receive at least two hours of ethics training, as prescribed by the Fair Political Practices Commission, within one year of appointment and once every two years thereafter.

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### **First Choice**

#### **FIRST choice for Board/Commission/Committee appointment:**

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Infrastructure Oversight Board

#### **Describe any qualifications, experience, and education, as well as any technical or professional background you may have relative to the duties of this position.**

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As an engineer in a variety of fields, I am well equipped to review, understand, and make recommendations on infrastructure projects.

#### **What are your goals in serving on this Board/Commission/Committee?**

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I want Burbank's infrastructure projects to be completed efficiently with community needs being met being the top priority.

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### **Second Choice**

#### **SECOND choice for Board/Commission/Committee appointment:**

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Burbank Water and Power Board

#### **Describe any qualifications, experience, and education, as well as any technical or professional background you may have relative to the duties of this position**

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As an engineer in a variety of fields, I am well equipped to review, understand, and make recommendations on water and power needs. My current position is with a Carbon Capture and Storage start-up, as a result I have special insight into efforts to combat global warming, many of which look to energy generation.

#### **What are your goals in serving on this Board/Commission/Committee?**

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I want Burbank residents to have clean water and affordable energy while simultaneously doing its part to curb climate change.

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### **Supplemental Questions (Infrastructure Oversight Board Only)**

Question applies to Infrastructure Oversight Board

**Please list your experience, knowledge and/or expertise with City infrastructure and affiliated processes and procedures for projects (both major and routine/regular) and maintenance.**

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I have not worked with the City on infrastructure projects. I have worked with various entities that have had their own sets of guidelines and specifications, which I then applied while devising creative solutions for their projects.

Question applies to Infrastructure Oversight Board

Please list your expertise and knowledge as it pertains to City infrastructure in any of the following areas (indicate which of the following apply and further explain each item below):

- Civil Engineering
- Architecture
- Project Management
- Urban Planning
- Traffic Engineering (including parking)
- Structures/Buildings
- Construction Management
- Budget/Financing
- Other related and pertinent experience

**(Please type your response in the comment box below)**

Question applies to Infrastructure Oversight Board

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I have performed architecture functions in the designing of theme part facades. I have performed civil engineering functions evaluating of theme park attractions for safety. I have managed product projects from concept to fabrication, staying on budget.

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## **Acknowledgment**

### **Please Read**

1. All information submitted is a public record and will be posted on the City's website.
2. All Board, Commission, and Committee members serve without compensation from the City.
3. No person shall serve at the same time on more than one Board, Commission or Committee.
4. Applicants must be residents of the City of Burbank.
5. Any person appointed to fill a vacancy shall hold office for the remainder of the unexpired term and must complete the term before applying to serve on another board, commission, or committee.
6. Any person appointed to a Board, Commission, or Committee shall remain in compliance with the City's **Attendance Policy**:
  - In the event a member of a board, commission, or committee is absent for three (3) regularly scheduled meetings of the board, commission, or committee to which they have been appointed during the 12-month period, the attendance record of such member shall be reviewed by the board, commission, or committee to which the member was appointed. Should the Council excuse the member's three absences, and the member misses a fourth meeting, the City Clerk may proceed with the member's automatic removal by City staff. (See BMC Section 2-1-403, 2-1-405, 2-1-406, 2-1-407)

**I acknowledge that I have read the above, and by selecting 'Agree' I confirm that I have reviewed and understood the information above.**

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I Agree

# Lindsey François

Burbank, California

Experience – Entertainment

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## Senior Engineer

May 2026 – present

Mote, Inc

Los Angeles, California

Design calculations, develop mechanical data sheets, produce fabrication drawings, specify equipment and materials for gasification systems. Solicit, review and evaluate vendor proposals

## Senior Mechanical Engineer (Contract)

March 2024 – April 2026

Adirondack Studios

Argyle, New York

Honoring client concept art, and adhering to material and safety parameters, independently devised and documented fabricable mechanical assemblies for themed entertainment elements. Prototypes were often first constructed out of wood for proof of concept to highlight unresolved or problematic areas. Specified some components from sheet metal: material, dimensions, breaks, welds. Other components were designed to be CNC'ed wood, metal or plastics or 3D printed.

## Engineer (Contract)

August 2022 – December 2023

Technifex

Valencia, California

Part of the installation and testing team, conducted and troubleshot controls testing, both in the factory and onsite, of an Allen-Bradley system of a steam effect; invented custom automated solutions to quickly correct and adapt tests as needed and upon customer request. New product electro-mechanical pneumatic design of themed attractions, specified motor sizes and actuators, used SolidWorks to generate FEA analysis of components and assemblies, created water, wind pressure and seismic force-calculation deliverables, created drawing packages following GD&T, BOM's and other project related documentation.

## Designer 2 (Contract)

November 2021 – April 2022

The ATS Team

Chatsworth, California

From concept art, took design ownership with short timeline deliverables ranging from rough concept SketchUp renderings, to demo documentation, to conceptualized aesthetic, to final full-scale assembly documentation – from hardware to full rigging. Identified, defined, and analyzed problems discovered both independently and through collaborating, and came up with innovative design solutions.

## Contract Engineer (Contract)

July 2019 – March 2020

Lee Romaine Studios & Sky Castle Studios

Los Angeles Metropolitan

Devised design solutions to integrate artistic improvements, across multiple iterations and functions, to transition robotic prototype into functional electro-mechanical deliverable. Insured compliance with SOW, engineering specifications, guidelines and applicable standards. Assisted with component fabrication. Working in Maya, analyzed the product space, prior art and relevant specifications to define the design space for 3D color printing technology implementation.

## R&D Mechanical Engineer (Contract)

January 2019 – July 2019

Walt Disney Imagineering

Glendale, California

Designed and developed complex mechanical systems for theme parks, with broad responsibilities to mature conceptual designs to well define deliverables with validated test results. Created finite element models of components and assemblies, assessed and modified these components to meet design requirements. Prepared detailed manufacturing drawings applying relevant standards. Executed complex computational evaluations, authored and performed test plans and specifications. Worked independently and in highly diverse and multidisciplinary project teams. Provided real-time, transparent communication covering overall status against agreed project timelines. Molded, and machined critical components in the in-house shop. Tested assemblies and materials to failure.

**New Product Development Engineer & Project Engineer (Contracts)** August 2015 - June 2016

The Attraction Services Co & Tiffen Steadicam Burbank & Valencia, California

Created and implemented project management (WBS), product brief, QC and purchase process tracking. Set in place practices of GD&T, DVP&R, DFMEA and design tolerance analysis. Planned, prepared and monitored engineering development projects, tracked progress, expected milestone completion, expenses, analyzed downtime and communicated its impact on meeting deadlines – leading to a more efficient and transparent concept-to-production process. Oversaw team progress, assigned next steps, and set task guidelines. Developed products, from concept to manufacturing, assembly and installation.

Experience – Lighting

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**Senior Product Engineer** April 2018 - December 2018

Cordelia Lighting Rancho Dominguez, California

Led engineering focused product development managing and prioritizing multiple projects including detailed design development, fabrication and testing of prototypes. Developed, implemented and executed testing and evaluation metrics and processes to verify and optimize product materials and manufacturing processes. Communicated design details about material selection, design for performance, risk analysis and specification compliance. Documented and maintained records of analysis objectives, assumptions, conclusions, results, associated CAD models and drawings.

**Senior Design & Development Engineer** June 2016 – April 2018

Deco Lighting Commerce, California

Designed and developed new products and product families with broad responsibilities to mature conceptual designs to well define products with validated test results. Designed with an understanding of manufacturing processes to reduce fabrication costs, with attention to end user experience. Created Solidworks 3D models, 2D drawings GD&T, nested BOM's and submitted designs to appropriate testing for failure analysis and certification. Oversaw and coordinated in-house Goniophotometer and LED Component testing. Selected, specified, and integrated electrical components. Instituted standards for product and part identification, specification and documentation. Negotiated with vendors to improve design for cost -efficiency.

**New Product Development Engineer** October 2012 – July 2015

Prudential Lighting Los Angeles, California

Extensively used Inventor, Excel and VBA. Designed mechanical components, created parts and assembly drawings, BOM's, flat patterns, metal & plastic extrusions. Created testing and tracking protocol for LED's. Worked closely with manufacturing for optimal designs, to ease assembly and to reduce production cost. Created prototypes and installation instructions. Created a system to organize parts and options, made it easier to use and specify the largest, most customizable product Prudential has released. Merged product lines, reused parts, improved production efficiency, and reduced cost.

**Mechanical/Manufacturing Engineer** August 2011 – May 2012

Integrated Design Tools Pasadena, California

Extensively used SolidWorks. Designed opto-mechanical components for camera hubs and cable fixtures. Reviewed all design data and research for mechanical documentation, approved for release to production. Improved retired designs as customer demands for products re-surgued. Interacted with vendors to procure prototypes and refined processes for procuring machined parts for production (Advanced Quality Planning), initiated improvements in the development of new manufacturing and production techniques. Collaborated with co-workers to improve delivery time for IDT products. Facilitator for system layouts. Implemented Kanban system.

## Education

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### **Bachelor of Science, General Engineering**

August 1998-May 2002

University of Illinois

Champaign, Illinois

Specialization: Entrepreneurship

Redesigned a drilling and tapping machine to cut cost of production by 50%. Took original inventions from idea to design to prototype, looked at patents, then created business plans and cost projections. Explored programming languages C and C++.

### **Master of Arts, Education**

January 2008-January 2011

Alliant International University

Los Angeles, California

Explored effective methods of implementing technology into the classroom. Created classroom materials using HTML, Inventor, Matlab and Microsoft Office. Evaluated teaching effectiveness based on student achievement and engagement.

## Licenses/Certificates

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### **Professional Engineer Intern, EIT/FE**

February 2002

State of Illinois Department of Professional Regulation

### **Product Safety Training**

January 2018

Intertek - Certificate of Achievement

### **Arena Advance Course**

July 2017

Arena Simulation Software - Certificate of Completion

### **Mig Welding Basics & Woodshop Basics**

January 2017

Urban Workshop - Certificate of Completion

### **Microsoft Project**

October 2015

Training Connection - Certificate of Completion

### **Fundamentals of Lighting**

September 2013

IESLA – Certificate of Completion

### **Preliminary Mathematics & Physics (all levels) Teaching Credential**

July 2009

Teach all Mathematics and Physics courses at the secondary level

## Accomplishments / Hobbies

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### **MIG, TIG, Oxy-Acetylene Welding**

GCC Glendale, California

Completed full courses in a variety of welding techniques. Working towards MIG certification

### **C++, Java, Python**

GCC Glendale, California

Courses and independent study of programming languages. Arduino tinkering

### **Mixed Martial Arts – Black Belt 3<sup>rd</sup> Dan**

Inspire Martial Arts Burbank, California

Seven years of training and practice. Lead the school's demo team, composed of students ages 10-45

### **ADU**

Burbank, California

Learning while doing, creating plan set for a two-story ADU to be located Burbank. With plans to serve as owner-builder/general contractor

## Computer Skills

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Drafting: AutoCAD, Maya, SolidWorks, Inventor (3D modeling), Photoshop, SketchUp

Programming: C++, Java, BASIC, Matlab, Mathematica, HTML, VBA

Office: Access, ACT, Arena, E-mail, Excel, MathCAD, Outlook, PowerPoint, Project, SAP, Word