

# Kaushik Vemulapally

1120 Plain Street #8b  
Las Cruces, NM 88001  
Resume Sample from: <http://accountingweb.org>

Cell: (417) 827-3644  
Email: kaushik.vemulapally@gmail.com

## EDUCATION

---

- **Candidate for MBA (BCIS Specialization)**, New Mexico State University. Dec 2011
- **MBA**, New Mexico State University, Las Cruces, NM GPA: 3.75/4.0, May 2011
- **Master of Science**, Major: **Electrical Engineering**, Emphasis: **Power**  
New Mexico State University, Las Cruces, NM GPA: 3.8/4.0, August 2009
- **Bachelor of Science**, Major: **Electrical Engineering**, Emphasis: **Power**  
Kakatiya Institute of Technology & Science, India GPA: 3.8/4.0, May 2005

## RELEVANT COURSEWORK

---

Organizational Behavior/Management Processes, Managerial Accounting, Operations Management, Legal Environment of Business, Economics; Marketing and Strategic Management, Power I, Power II, Power III, Power IV Distribution Systems, Protective Relaying, Power Systems Reliability, Dynamics of Power Systems, Public Utilities Regulation, SMR-Public Utilities Regulation

## COURSE-WORK PROJECTS

---

**Tortugas feeder design project:** Tortugas feeder is a very long unbalanced feeder. Made some modifications to the feeder to operate within stated constraints. Developed Contingency studies with Santa Teresa feeder

**IEEE Reliability Test System:** Constructed the generation system model in the form of capacity outage table. Constructed the load model with cumulative probabilities and frequency.

**Power System Stability:** Power System with 20 buses and 7 Generating units. Worked on Power flow analysis using Power world simulator and Developed Contingency studies

## SKILLS

---

- Power Analysis Tools: RDAP, PowerWorld, Synergee Advantica, Cyme-Cymcap, Milsoft-Windmil
- Math Software: MATLAB, MathCAD
- Programming Languages: C, C++, Visual Basic
- Other: Microsoft Office Suite, Microcontroller Programming, AutoCAD(5 On a scale of 1 to 10), Dreamweaver 8, Several SAP modules

## WORK EXPERIENCE

---

### Graduate Student Intern, Business Managerial Intern

TIC-The Industrial Company, Coolidge, AZ May 2010 – August 2010

- Learned procurement process involving purchasing decisions, initiating Request for Proposals and utilized several economic analysis methods for generating profits.
- Reviewed Subcontracts and their procedures; reviewed invoice and approval processes
- Projected Job forecast, cost report review & analysis
- Estimated job cost

Worked on the following modules with the utilization of SAP software:

- Accounts payable & receivable
- SAP integration between purchasing, receiving and business department
- Payroll, new hire process & Produced Labor distribution report

# Kaushik Vemulapally

## **Full Time Employee, Northwest Division Planning Engineer**

Arizona Public Service (APS), Prescott, AZ June 2007 – December 2008

- Prepared Plans and Studies for sub-transmission & distribution system expansion and modification.
- Synchronized Capacitor Bank and Regulator bank placements
- Planned & designed Jobs
- Allocated Load and maintained balance on different feeders
- Stabilized the Power factor for different feeders that emerged out from different substations
- Founded the ideal location for placement of Grounding Banks, Sectionalizers, Reclosers
- Developed Switching Orders, Enhanced balancing of Feeders
- Implemented several Load Calculations that were worked on and Prepared long term future Budgeting plans
- Met with the customers/organization representatives in person to understand their needs.
- Supervised the work of 16 Customer Service Representatives

## **Graduate Student Intern, Distribution Planning Engineer**

El Paso Electric (EPE), Las Cruces, NM August 2006 – May 2007

- Allocated load & worked on Fault current calculation
- Determined the placement locations of Capacitor & Regulator banks using RDAP & Windmil.
- Developed Diversified Demand Chart utilizing Pi-Historian.
- Prepared load, contingency, and area studies to develop corporate plans for distribution system expansion and modification.

## **Graduate Student Intern, Distribution Planning Engineer**

Tucson Electric Power (TEP), Tucson, AZ May 2006 – August 2006

- Developed the methodology used in CymCap power modeling in my team.
- Planned Underground cable designing & developed cable ampacity studies.
- Generated Load Distribution curves & worked on Budget Planning.
- Simulated the Load flow analysis using Synergee Advantica.

## **REFERENCES**

- 
- |                                               |      |                            |      |                                                                                                      |
|-----------------------------------------------|------|----------------------------|------|------------------------------------------------------------------------------------------------------|
| ▪ Ms. Anita Payne<br>Cell: (928) 379-1132     | ---- | Planning Section Leader    | ---- | Arizona Public Service<br><a href="mailto:Anita.payne@aps.com">Anita.payne@aps.com</a>               |
| ▪ Mr. Ernie Martinez<br>Cell: (915) 497-6679  | ---- | Operations Planning        | ---- | El Paso Electric<br><a href="mailto:e.martinez@epelectric.com">e.martinez@epelectric.com</a>         |
| ▪ Mr. Rafael Martinez<br>Cell: (520) 661-1124 | ---- | Substation Design Engineer | ---- | Tucson Electric Power<br><a href="mailto:RMartinez-Chavez@tep.com">RMartinez-Chavez@tep.com</a>      |
| ▪ Mr. Leroy Martinez<br>Cell: (505) 929-1408; | ---- | System Protection Engineer | ---- | Tri-State Association Inc.<br><a href="mailto:LMartinez@tristategt.org">LMartinez@tristategt.org</a> |