

# Paul Hubbs | Energy Analyst

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## Professional Summary

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Accomplished energy and data analyst with a B.S. in Economics and 3+ years' experience in energy analytics. Strong interest in modeling impacts of new technologies on grid infrastructure and its role in a decarbonizing power system. Experienced analyzing large datasets to evaluate market dynamics, cost drivers, and incentives shaping energy market behavior. Skilled in quantitative analysis, financial modeling, and utility planning. Advanced in Excel, Proficient in SQL and Python for data analysis and modeling.

## Key Skills

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|--------------------|---------------------|----------------------|----------------------|
| ✓ Microsoft Office | ✓ Python            | ✓ Market Analysis    | ✓ Scenario Analysis  |
| ✓ Advanced Excel   | ✓ PostgreSQL        | ✓ Forecasting        | ✓ Data Visualization |
| ✓ PowerPoint       | ✓ Power BI          | ✓ Financial Modeling | ✓ Report Writing     |
| ✓ Word             | ✓ Economic Modeling | ✓ Cost Analysis      | ✓ Policy Proposals   |

## Professional Experience

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Energy Analyst, Energeia *Jun 2023 – Jul 2025*

- Developed and maintained large-scale energy market and financial models in Excel to analyze electricity market trends, investment and long-term demand scenarios supporting utility and energy sector clients
- Led a team of 3 analysts to deliver 5+ techno-economic models for consulting engagements focused on load forecasting, grid reliability, long term renewables uptake
- Analyzed large datasets from sources including EIA, NREL, and CAISO to evaluate electricity demand trends, market dynamics, and DER and EV adoption across regions serving 3+ million customers
- Produced 50+ analytical reports and executive presentations translating complex datasets into actionable insights for senior decision-makers responsible for multi-million-dollar investments

Product Data Analyst, Areaview.ai *Jul 2025 – Feb 2026*

- Utilized Python to analyze large-scale housing and demographic datasets (50M+ records) using Zillow, U.S. Census, and HUD data to evaluate housing demand patterns, population growth trends, and regional economic indicators across 240,000+ U.S. neighborhoods
- Designed and managed a geospatial PostgreSQL/PostGIS database integrating 150+ housing market indicators to support map visualization within a web application
- Conducted quantitative market analysis evaluating housing demand trends, neighborhood growth patterns, and macroeconomic drivers influencing regional development and infrastructure demand
- Developed financial models to evaluate real estate development and investment opportunities, incorporating projected demand trends, income growth, rental pricing, and market dynamics

## Education

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B.S. From University of California, Davis

*Economics*

## Technical Skills

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Microsoft Office Suite | Excel | Python | PostgreSQL | Power BI | PowerPoint | Word | QGIS | Cursor