Electrical Power PE Exam Survey - October 2017

A survey that gauges your performance and compares this level with your total number of study hours and references used during the exam.

Did you pass the exam? *

- Yes
- No

If you did not pass the exam, then what was your score out of 80?

49

How many years of engineering experience do you have at the time of the exam in the fields tested by the exam?

- 2-3 years
- 3-4 years
- 4-5 years
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- Engineering Pro Guides exam prep materials
- Complex Imaginary Sample Exams
- How to pass the pe exam - graffeo
- NEC
- Electric Machines, Drives and Power Systems - Wildi
- The Art and Science of Protective Relaying
- IEEE Standards
- NFPA 70E
- NFPA Lightning
- PPI Sample Exams
- Power System Analysis - Grainger
- Electric Machinery Fundamentals - Chapman
- PPI Camara Book
- Other: 

https://docs.google.com/forms/d/14qDwsedhVPLhwKr7-Eqzx9FVIdKg_a1JcJ1UyF3r4M/edit#responses
What were your MOST confident topics? Select 3.

- [ ] Codes and Standards
- [✓] Transmission & Distribution - voltage drop, voltage regulation, power factor correction, power quality, fault current, grounding,
- [✓] Protection - Overcurrent protection, protective relaying, coordination, protective devices
- [ ] Circuit Analysis
- [ ] Devices and Power Electronic Circuits
- [✓] Rotating Machines
- [✓] Electromagnetic Devices
- [✓] Power System Performance
- [ ] Measurement and Instrumentation
- [ ] Special Applications
What were your LEAST confident topics? Select 3.

- ☑ Measurement & Instrumentation
- ☐ Special Applications
- ☐ Devices and Power Electronic Circuits - battery, power supplies, inverters, vsd's, plc's, etc.
- ☑ Circuits
- ☐ Codes and Standards
- ☐ Rotating Machines
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- Codes and Standards

- Transmission & Distribution - voltage drop, voltage regulation, power factor correction, power quality, fault current, grounding,

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- Circuit Analysis

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- Rotating Machines

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- [ ] Codes and Standards
- [ ] Rotating Machines
- [ ] Transmission and Distribution
- [ ] Protection
- [x] Power System Performance
- [ ] Electromagnetic Devices

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Google Forms
Electrical Power PE Exam Survey - October 2017

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- Power System Analysis - Grainger
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Other: ________________________________
What were your MOST confident topics? Select 3.

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- ☐ Electromagnetic Devices
- ☐ Power System Performance
- ☐ Measurement and Instrumentation
- ☐ Special Applications
What were your LEAST confident topics? Select 3.

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- NFPA 70E
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- PPI Sample Exams
- Power System Analysis - Grainger
- Electric Machinery Fundamentals - Chapman
- PPI Camara Book
- Other: Testmaster
What were your MOST confident topics? Select 3.

- Codes and Standards

- Transmission & Distribution - voltage drop, voltage regulation, power factor correction, power quality, fault current, grounding,

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- Devices and Power Electronic Circuits

- Rotating Machines

- Electromagnetic Devices

- Power System Performance

- Measurement and Instrumentation

- Special Applications
What were your LEAST confident topics? Select 3.

- Measurement & Instrumentation
- Special Applications
- Devices and Power Electronic Circuits - battery, power supplies, inverters, vsd's, plc's, etc.
- Circuits
- Codes and Standards
- **Rotating Machines**
- Transmission and Distribution
- Protection
- Power System Performance
- Electromagnetic Devices

Additional Comments? Words of advice?

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Electrical Power PE Exam Survey - October 2017

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Did you pass the exam? *

- [ ] Yes
- [x] No

If you did not pass the exam, then what was your score out of 80?

46

How many years of engineering experience do you have at the time of the exam in the fields tested by the exam?

- [ ] 2-3 years
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Is this your first time taking the exam?

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Other: ____________________________________________
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- Codes and Standards
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- Rotating Machines
- Electromagnetic Devices
- Power System Performance
- Measurement and Instrumentation
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Additional Comments? Words of advice?

The PM exam was brutal.

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50

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- Measurement & Instrumentation
- Special Applications [✓]
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48

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- ✔ Measurement & Instrumentation
- ️ Special Applications
- ✔ Devices and Power Electronic Circuits - battery, power supplies, inverters, vsd's, plc's, etc.
- ️ Circuits
- ️ Codes and Standards
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If you did not pass the exam, then what was your score out of 80?

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- PPI Camara Book

- Other:  

https://docs.google.com/forms/d/14qDwsedhVPLhwKr7-Eqzx9FVlDkKg_aJc1juF3r4M/edit#responses
What were your MOST confident topics? Select 3.

- [ ] Codes and Standards
- [ ] Transmission & Distribution - voltage drop, voltage regulation, power factor correction, power quality, fault current, grounding,
- [ ] Protection - Overcurrent protection, protective relaying, coordination, protective devices
- [ ] Circuit Analysis
- [ ] Devices and Power Electronic Circuits
- [ ] Rotating Machines
- [ ] Electromagnetic Devices
- [ ] Power System Performance
- [ ] Measurement and Instrumentation
- [ ] Special Applications
What were your LEAST confident topics? Select 3.

- [ ] Measurement & Instrumentation
- [x] Special Applications
- [ ] Devices and Power Electronic Circuits - battery, power supplies, inverters, vsd's, plc's, etc.
- [ ] Circuits
- [ ] Codes and Standards
- [ ] Rotating Machines
- [x] Transmission and Distribution
- [ ] Protection
- [ ] Power System Performance
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Additional Comments? Words of advice?

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Electrical Power PE Exam Survey - October 2017

A survey that gauges your performance and compares this level with your total number of study hours and references used during the exam.

Did you pass the exam? *

- Yes
- No

If you did not pass the exam, then what was your score out of 80?

How many years of engineering experience do you have at the time of the exam in the fields tested by the exam?

- 2-3 years
- 3-4 years
- 4-5 years
- More than 5 years

Is this your first time taking the exam?

- Yes
- No. This is my second time taking the exam.
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How many hours did you study for this exam?

- 0-100 hours
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- How to pass the pe exam - graffeo
- NEC

- Electric Machines, Drives and Power Systems - Wildi
- The Art and Science of Protective Relaying
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- PPI Sample Exams
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- Electric Machinery Fundamentals - Chapman

- PPI Camara Book

- Other: ____________________________
What were your MOST confident topics? Select 3.

- Codes and Standards
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- ✔ Devices and Power Electronic Circuits
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47

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☐ Measurement and Instrumentation

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- Measurement & Instrumentation
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- Protection

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- ❌ Rotating Machines
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- ❌ Protection
- ✔️ Power System Performance
- ❌ Electromagnetic Devices

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- PPI Camara Book
- Other: NESC
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- PPI Camara Book
- Other: Nesc and testmasters
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Electromagnetic Devices

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Did you pass the exam? *

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- Other:  

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What were your MOST confident topics? Select 3.

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- Transmission & Distribution - voltage drop, voltage regulation, power factor correction, power quality, fault current, grounding,

- Circuit Analysis

- Devices and Power Electronic Circuits

- Rotating Machines

- Electromagnetic Devices

- Power System Performance

- Measurement and Instrumentation

- Special Applications
What were your LEAST confident topics? Select 3.

- Measurement & Instrumentation
- Special Applications
- Devices and Power Electronic Circuits - battery, power supplies, inverters, vsd's, plc's, etc.
- Circuits
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Additional Comments? Words of advice?

If you find complex imaginary exams easy, you will pass for sure.
Electrical Power PE Exam Survey - October 2017

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Did you pass the exam? *
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Other: ____________________________
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Electrical Power PE Exam Survey - October 2017

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Did you pass the exam? *

- Yes
- No

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48

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Electrical Power PE Exam Survey - October 2017

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Did you pass the exam? *

- Yes
- No

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- More than 500 hours
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- Personal study notes and cheat sheets.
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- Complex Imaginary Sample Exams
- How to pass the pe exam - graffeo
- NEC
- Electric Machines, Drives and Power Systems - Wildi
- The Art and Science of Protective Relaying
- IEEE Standards
- NFPA 70E
- NFPA Lightning
- PPI Sample Exams
- Power System Analysis - Grainger
- Electric Machinery Fundamentals - Chapman
- PPI Camara Book
- Other: Detailed NEC Appendix book
What were your MOST confident topics? Select 3.

- Codes and Standards
- Transmission & Distribution - voltage drop, voltage regulation, power factor correction, power quality, fault current, grounding,
- Protection - Overcurrent protection, protective relaying, coordination, protective devices
- Circuit Analysis
- Devices and Power Electronic Circuits
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- Electromagnetic Devices
- Power System Performance
- Measurement and Instrumentation
- Special Applications
Electrical Power PE Exam Survey - October 2017

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Did you pass the exam? *

- [ ] Yes
- [ ] No

If you did not pass the exam, then what was your score out of 80?

How many years of engineering experience do you have at the time of the exam in the fields tested by the exam?

- [ ] 2-3 years
- [ ] 3-4 years
- [x] 4-5 years
- [ ] More than 5 years

Is this your first time taking the exam?

- [x] Yes
- [ ] No. This is my second time taking the exam.
- [ ] No. I have taken the exam more than 2 times.
How many hours did you study for this exam?

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- [ ] Power System Analysis - Grainger
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- [ ] PPI Camara Book
- [ ] Other: NESC

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- Rotating Machines
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What were your LEAST confident topics? Select 3.

- [ ] Measurement & Instrumentation
- [x] Special Applications
- [x] Devices and Power Electronic Circuits - battery, power supplies, inverters, vsd's, plc's, etc.
- [ ] Circuits
- [x] Codes and Standards
- [ ] Rotating Machines
- [ ] Transmission and Distribution
- [ ] Protection
- [ ] Power System Performance
- [ ] Electromagnetic Devices

Additional Comments? Words of advice?

Do practice exams until you get a couple of 80s, then stop studying and enjoy life

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☑ Rotating Machines

☐ Electromagnetic Devices

☐ Power System Performance

☐ Measurement and Instrumentation

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- [x] Codes and Standards
- [x] Rotating Machines
- [ ] Transmission and Distribution
- [x] Protection
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Additional Comments? Words of advice?

Some of the NCEES sample exam questions were similar enough to provide much insight.
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- -
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- [x] Power System Performance
- -

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- ✔ Codes and Standards
- Rotating Machines
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- Electromagnetic Devices

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- Other:  

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48

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Do a lot of practice problems!
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- Yes
- No. This is my second time taking the exam.
- No. I have taken the exam more than 2 times.
How many hours did you study for this exam?

- 0-100 hours
- 101-200 hours
- 201 to 300 hours
- 301-400 hours
- 401-500 hours
- More than 500 hours
Which references would you recommend for the exam? *

- Personal study notes and cheat sheets.
- NCEES Power sample PE exam.
- [ ] Engineering Pro Guides exam prep materials
- [ ] Complex Imaginary Sample Exams
- [x] How to pass the pe exam - graffeo
- [x] NEC
- [ ] Electric Machines, Drives and Power Systems - Wildi
- [ ] The Art and Science of Protective Relaying
- [ ] IEEE Standards
- [ ] NFPA 70E
- [ ] NFPA Lightning
- [ ] PPI Sample Exams
- [ ] Power System Analysis - Grainger
- [ ] Electric Machinery Fundamentals - Chapman
- [ ] PPI Camara Book
- [ ] Other: __________________________________________________________
What were your MOST confident topics? Select 3.

- Codes and Standards
- Transmission & Distribution - voltage drop, voltage regulation, power factor correction, power quality, fault current, grounding
- Protection - Overcurrent protection, protective relaying, coordination, protective devices
- Circuit Analysis
- Devices and Power Electronic Circuits
- Rotating Machines
- Electromagnetic Devices
- Power System Performance
- Measurement and Instrumentation
- Special Applications
What were your LEAST confident topics? Select 3.

- [ ] Measurement & Instrumentation
- [ ] Special Applications
- [x] Devices and Power Electronic Circuits - battery, power supplies, inverters, vsd's, plc's, etc.
- [x] Circuits
- [ ] Codes and Standards
- [ ] Rotating Machines
- [ ] Transmission and Distribution
- [x] Protection
- [x] Electromagnetic Devices

Additional Comments? Words of advice?

This content is neither created nor endorsed by Google.

Google Forms
Electrical Power PE Exam Survey - October 2017

A survey that gauges your performance and compares this level with your total number of study hours and references used during the exam.

Did you pass the exam? *

☐ Yes
☐ No

If you did not pass the exam, then what was your score out of 80?

49

How many years of engineering experience do you have at the time of the exam in the fields tested by the exam?

☐ 2-3 years
☐ 3-4 years
☒ 4-5 years
☐ More than 5 years

Is this your first time taking the exam?

☒ Yes
☐ No. This is my second time taking the exam.
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☐ Electric Machines, Drives and Power Systems - Wildi
☐ The Art and Science of Protective Relaying
☐ IEEE Standards
☐ NFPA 70E
☐ NFPA Lightning
☐ PPI Sample Exams
☐ Power System Analysis - Grainger
☐ Electric Machinery Fundamentals - Chapman
☐ PPI Camara Book
☐ Other: 

https://docs.google.com/forms/d/14qDwsedhVPLhwKr7-Eqzx9FVIdkKg_a1Jcj1UyF3r4M/edit#responses
What were your MOST confident topics? Select 3.

- [x] Codes and Standards
- [x] Transmission & Distribution - voltage drop, voltage regulation, power factor correction, power quality, fault current, grounding,
- [ ] Protection - Overcurrent protection, protective relaying, coordination, protective devices
- [ ] Circuit Analysis
- [ ] Devices and Power Electronic Circuits
- [ ] Rotating Machines
- [ ] Electromagnetic Devices
- [ ] Power System Performance
- [ ] Measurement and Instrumentation
- [ ] Special Applications
What were your LEAST confident topics? Select 3.

☐ Measurement & Instrumentation

☐ Special Applications

☑ Devices and Power Electronic Circuits - battery, power supplies, inverters, vsd's, plc's, etc.

☐ Circuits

☐ Codes and Standards

☐ Rotating Machines

☐ Transmission and Distribution

☑ Protection

☐ Power System Performance

☐ Electromagnetic Devices

Additional Comments? Words of advice?

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Electrical Power PE Exam Survey - October 2017

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Did you pass the exam? *

- [ ] Yes
- [ ] No

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How many years of engineering experience do you have at the time of the exam in the fields tested by the exam?

- [ ] 2-3 years
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- The Art and Science of Protective Relaying
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- NFPA 70E
- NFPA Lightning
- PPI Sample Exams
- Power System Analysis - Grainger
- Electric Machinery Fundamentals - Chapman
- PPI Camara Book

Other: __________________________________________
What were your MOST confident topics? Select 3.

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- Transmission & Distribution - voltage drop, voltage regulation, power factor correction, power quality, fault current, grounding,
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- Electromagnetic Devices
- Power System Performance
- Measurement and Instrumentation
- Special Applications
What were your LEAST confident topics? Select 3.

- Measurement & Instrumentation
- Devices and Power Electronic Circuits - battery, power supplies, inverters, vsd's, plc's, etc.
- Rotating Machines

Additional Comments? Words of advice?
Electrical Power PE Exam Survey - October 2017

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Did you pass the exam? *

- [ ] Yes
- [x] No

If you did not pass the exam, then what was your score out of 80?

65

How many years of engineering experience do you have at the time of the exam in the fields tested by the exam?

- [ ] 2-3 years
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- NEC
- Electric Machines, Drives and Power Systems - Wildi
- The Art and Science of Protective Relaying
- IEEE Standards
- NFPA 70E
- NFPA Lightning
- PPI Sample Exams
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- Electric Machinery Fundamentals - Chapman
- PPI Camara Book

Other: __________________________________________________________
What were your MOST confident topics? Select 3.

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- Rotating Machines
- Electromagnetic Devices
- Power System Performance
- Measurement and Instrumentation
- Special Applications
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- [ ] Measurement & Instrumentation
- [x] Special Applications
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- [ ] Circuits
- [ ] Codes and Standards
- [x] Rotating Machines
- [ ] Transmission and Distribution
- [ ] Protection
- [ ] Power System Performance
- [x] Electromagnetic Devices

Additional Comments? Words of advice?

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Electrical Power PE Exam Survey - October 2017

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Did you pass the exam? *

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- How to pass the pe exam - graffeo
- NEC
- Electric Machines, Drives and Power Systems - Wildi
- The Art and Science of Protective Relaying
- IEEE Standards
- NFPA 70E
- NFPA Lightning
- Power System Analysis - Grainger
- Electric Machinery Fundamentals - Chapman
- PPI Camara Book
- Other: Power System Analysis and Design - Sarma/Glover/Overbye
What were your MOST confident topics? Select 3.

- Codes and Standards

- Transmission & Distribution - voltage drop, voltage regulation, power factor correction, power quality, fault current, grounding,

- Protection - Overcurrent protection, protective relaying, coordination, protective devices

- Circuit Analysis

- Devices and Power Electronic Circuits

- Rotating Machines

- Electromagnetic Devices

- Power System Performance

- Measurement and Instrumentation

- Special Applications
What were your LEAST confident topics? Select 3.

- Measurement & Instrumentation
- Devices and Power Electronic Circuits - batteries, power supplies, inverters, vsd's, plc's, etc.
- Transmission and Distribution

Additional Comments? Words of advice?

Work as many practice questions/exams as humanly possible. Time your performance. Seek to get under 3 minutes, so if you do run into a problem, you have leeway. Be able to identify the "type" of problem on the spot (e.g. voltage drop, slip, NEC lookup, etc)
Electrical Power PE Exam Survey - October 2017

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Did you pass the exam? *

- Yes
- No

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- 401-500 hours
- More than 500 hours

- [ ] 201 to 300 hours.
Which references would you recommend for the exam? *

- [ ] Personal study notes and cheat sheets.
- [x] NCEES Power sample PE exam.
- [ ] Engineering Pro Guides exam prep materials
- [x] Complex Imaginary Sample Exams
- [x] How to pass the pe exam - graffeo
- [x] NEC
- [ ] Electric Machines, Drives and Power Systems - Wildi
- [ ] The Art and Science of Protective Relaying
- [ ] IEEE Standards
- [ ] NFPA 70E
- [ ] NFPA Lightning
- [x] PPI Sample Exams
- [ ] Power System Analysis - Grainger
- [ ] Electric Machinery Fundamentals - Chapman
- [x] PPI Camara Book

- [ ] Other: __________________________________________
What were your MOST confident topics? Select 3.

- Codes and Standards
- Transmission & Distribution - voltage drop, voltage regulation, power factor correction, power quality, fault current, grounding,
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- Measurement & Instrumentation
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- Transmission and Distribution
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- Power System Performance
- Electromagnetic Devices

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Electrical Power PE Exam Survey - October 2017

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- Complex Imaginary Sample Exams
- How to pass the pe exam - graffeo
- NEC
- Electric Machines, Drives and Power Systems - Wildi
- The Art and Science of Protective Relaying
- IEEE Standards
- NFPA 70E
- NFPA Lightning
- PPI Sample Exams
- Power System Analysis - Grainger
- Electric Machinery Fundamentals - Chapman
- PPI Camara Book
- Other: Testmasters
What were your MOST confident topics? Select 3.

- Codes and Standards
- Transmission & Distribution - voltage drop, voltage regulation, power factor correction, power quality, fault current, grounding,
- Protection - Overcurrent protection, protective relaying, coordination, protective devices
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- Rotating Machines
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- Power System Performance
- Measurement and Instrumentation
- Special Applications
What were your LEAST confident topics? Select 3.

- Measurement & Instrumentation
- Special Applications
- Devices and Power Electronic Circuits - battery, power supplies, inverters, vsd's, plc's, etc.
- Circuits
- Codes and Standards
- Rotating Machines
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- Power System Performance
- Electromagnetic Devices

Additional Comments? Words of advice?

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Electrical Power PE Exam Survey - October 2017

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Did you pass the exam? *

- Yes
- No

If you did not pass the exam, then what was your score out of 80?

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- Complex Imaginary Sample Exams
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- NEC
- Electric Machines, Drives and Power Systems - Wildi
- The Art and Science of Protective Relaying
- IEEE Standards
- NFPA 70E
- NFPA Lightning
- PPI Sample Exams
- Power System Analysis - Grainger
- Electric Machinery Fundamentals - Chapman
- PPI Camara Book
- Other: ________________________________________________________________
What were your MOST confident topics? Select 3.

- Codes and Standards
- Transmission & Distribution - voltage drop, voltage regulation, power factor correction, power quality, fault current, grounding,
- Protection - Overcurrent protection, protective relaying, coordination, protective devices
- Circuit Analysis
- Devices and Power Electronic Circuits
- Rotating Machines
- Electromagnetic Devices
- Power System Performance
- Measurement and Instrumentation
- Special Applications
What were your LEAST confident topics? Select 3.

- Measurement & Instrumentation
- Special Applications
- Devices and Power Electronic Circuits - battery, power supplies, inverters, vsd's, plc's, etc.
- Circuits
- Codes and Standards
- Rotating Machines
- Transmission and Distribution
- Protection
- Power System Performance
- Electromagnetic Devices

Additional Comments? Words of advice?

I took it after graduating only 5 months before! Take it early!

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Electrical Power PE Exam Survey - October 2017

A survey that gauges your performance and compares this level with your total number of study hours and references used during the exam.

Did you pass the exam? *

- [ ] Yes
- [x] No

If you did not pass the exam, then what was your score out of 80?

41

How many years of engineering experience do you have at the time of the exam in the fields tested by the exam?

- [ ] 2-3 years
- [ ] 3-4 years
- [ ] 4-5 years
- [x] More than 5 years

Is this your first time taking the exam?

- [x] Yes
- [ ] No. This is my second time taking the exam.
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- NEC
- Electric Machines, Drives and Power Systems - Wildi
- The Art and Science of Protective Relaying
- IEEE Standards
- NFPA 70E
- NFPA Lightning
- PPI Sample Exams
- Power System Analysis - Grainger
- Electric Machinery Fundamentals - Chapman
- PPI Camara Book

- Other: _____________________________________________________________
What were your MOST confident topics? Select 3.

- [x] Codes and Standards
- [x] Transmission & Distribution - voltage drop, voltage regulation, power factor correction, power quality, fault current, grounding,
- [ ] Protection - Overcurrent protection, protective relaying, coordination, protective devices
- [x] Circuit Analysis
- [ ] Devices and Power Electronic Circuits
- [ ] Rotating Machines
- [ ] Electromagnetic Devices
- [ ] Power System Performance
- [ ] Measurement and Instrumentation
- [ ] Special Applications
What were your LEAST confident topics? Select 3.

- [ ] Measurement & Instrumentation
- [x] Special Applications
- [ ] Devices and Power Electronic Circuits - battery, power supplies, inverters, vsd's, plc's, etc.
- [ ] Circuits
- [ ] Codes and Standards
- [x] Rotating Machines
- [x] Transmission and Distribution
- [ ] Protection
- [ ] Power System Performance
- [ ] Electromagnetic Devices

Additional Comments? Words of advice?

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Electrical Power PE Exam Survey - October 2017

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Did you pass the exam? *

- Yes
- No

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How many years of engineering experience do you have at the time of the exam in the fields tested by the exam?

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- NEC
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- The Art and Science of Protective Relaying
- IEEE Standards
- NFPA 70E
- NFPA Lightning
- PPI Sample Exams
- Power System Analysis - Grainger
- Electric Machinery Fundamentals - Chapman
- PPI Camara Book

Other: Georgia tech review class notebook, nesc, camara book
What were your MOST confident topics? Select 3.

- Codes and Standards
- Transmission & Distribution - voltage drop, voltage regulation, power factor correction, power quality, fault current, grounding,
- Protection - Overcurrent protection, protective relaying, coordination, protective devices
- Circuit Analysis
- Devices and Power Electronic Circuits
- Rotating Machines
- Electromagnetic Devices
- Power System Performance
- Measurement and Instrumentation
- Special Applications
What were your LEAST confident topics? Select 3.

☐ Measurement & Instrumentation

☐ Special Applications

☑ Devices and Power Electronic Circuits - baterry, power supplies, inverters, vsd's, plc's, etc.

☐ Circuits

☐ Codes and Standards

☐ Rotating Machines

☐ Transmission and Distribution

☐ Protection

☑ Power System Performance

☑ Electromagnetic Devices

Additional Comments? Words of advice?

Work as many problems from complex imaginary exams and ncees that you can. Work all examples and exam questions in graffeo. The online lectures from the Georgia tech power pe review class are also very good imo.

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Electrical Power PE Exam Survey - October 2017

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Did you pass the exam? *

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- IEEE Standards
- NFPA 70E
- NFPA Lightning
- PPI Sample Exams
- Power System Analysis - Grainger
- Electric Machinery Fundamentals - Chapman
- PPI Camara Book
- Other: IEEE NESC (ANSI C2)
What were your MOST confident topics? Select 3.

- Codes and Standards
- Transmission & Distribution - voltage drop, voltage regulation, power factor correction, power quality, fault current, grounding,
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- IEEE Standards
- NFPA 70E
- NFPA Lightning
- PPI Sample Exams
- Power System Analysis - Grainger
- Electric Machinery Fundamentals - Chapman
- PPI Camara Book
- Other: ________________________________________________________________
What were your MOST confident topics? Select 3.

☐ Codes and Standards

☐ Transmission & Distribution - voltage drop, voltage regulation, power factor correction, power quality, fault current, grounding,

☐ Protection - Overcurrent protection, protective relaying, coordination, protective devices

☐ Circuit Analysis

☐ Devices and Power Electronic Circuits

☐ Rotating Machines

☐ Electromagnetic Devices

☐ Power System Performance

☐ Measurement and Instrumentation

☐ Special Applications
What were your LEAST confident topics? Select 3.

- Measurement & Instrumentation
- Special Applications
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- Codes and Standards
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- Transmission and Distribution
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Did you pass the exam? *

☐ Yes
☐ No

If you did not pass the exam, then what was your score out of 80?

44

How many years of engineering experience do you have at the time of the exam in the fields tested by the exam?

☐ 2-3 years
☐ 3-4 years
☐ 4-5 years
☐ More than 5 years

Is this your first time taking the exam?

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- Complex Imaginary Sample Exams
- How to pass the pe exam - graffeo
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- Electric Machines, Drives and Power Systems - Wildi
- The Art and Science of Protective Relaying
- IEEE Standards
- NFPA 70E
- NFPA Lightning
- PPI Sample Exams
- Power System Analysis - Grainger
- Electric Machinery Fundamentals - Chapman
- PPI Camara Book
- Other: 

https://docs.google.com/forms/d/14qDwsedhVPLhwKr7-Eqzx9FVIdkKg_a1Jcj1UyF3r4M/edit#responses
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- Circuits
- Codes and Standards
- Rotating Machines
- Transmission and Distribution
- Protection
- Power System Performance

Additional Comments? Words of advice?

Please include more power system performance and measurement & instrumentation on your exam preparation materials.
Electrical Power PE Exam Survey - October 2017

A survey that gauges your performance and compares this level with your total number of study hours and references used during the exam.

Did you pass the exam? *

- Yes
- No

If you did not pass the exam, then what was your score out of 80?

How many years of engineering experience do you have at the time of the exam in the fields tested by the exam?

- 2-3 years
- 3-4 years
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Is this your first time taking the exam?

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- No. This is my second time taking the exam.
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- Complex Imaginary Sample Exams
- How to pass the pe exam - graffeo
- NEC
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- The Art and Science of Protective Relaying
- IEEE Standards
- NFPA 70E
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- PPI Sample Exams
- Power System Analysis - Grainger
- Electric Machinery Fundamentals - Chapman
- PPI Camara Book

Other: 

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https://docs.google.com/forms/d/14qDwshedhVPLhwKr7-Eqzx9FVIdkKg_a1Jc1UyF3r4M/edit#responses
What were your MOST confident topics? Select 3.

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- Transmission & Distribution - voltage drop, voltage regulation, power factor correction, power quality, fault current, grounding,
- Protection - Overcurrent protection, protective relaying, coordination, protective devices
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- Devices and Power Electronic Circuits
- Rotating Machines
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- Power System Performance
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- Special Applications
What were your LEAST confident topics? Select 3.

- [ ] Measurement & Instrumentation
- [x] Special Applications
- [ ] Devices and Power Electronic Circuits - battery, power supplies, inverters, vsd's, plc's, etc.
- [ ] Circuits
- [ ] Codes and Standards
- [x] Rotating Machines
- [ ] Transmission and Distribution
- [ ] Protection
- [x] Power System Performance
- [ ] Electromagnetic Devices

Additional Comments? Words of advice?

It took me four tries but finally did it. Strangely, I thought I did the worst on the time I passed it. My advice is to stay calm when it feels like it is going awful. I know I missed problems I knew how to do because I was freaked out about all the ones I didn't know. Also, practice problems saved me. I got to the point where I was consistently getting 90% on Complex Imaginary tests and in the mid 80s for the more difficult. I'm pretty sure I still passed the real test by the skin of my teeth. Good luck.
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80

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- IEEE Standards
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- PPI Sample Exams
- Power System Analysis - Grainger
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Other: Spin up, NESC, Georgia Tech Class
What were your MOST confident topics? Select 3.

- Codes and Standards
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Additional Comments? Words of advice?

Did not feel super confident leaving the exam, but am relieved that I was able to pass on my first time. Here are some things I would recommend:

Make a reference sheet with topics and associated page numbers in your books/resources. This includes a few of the more difficult practice problems as well. This will be a one stop shop location for all the topics you will cover and where to find stuff quickly during the exam. This will also remove the need to have 50 tags sticking out of a book. I would recommend compiling these references as you study (rather than trying to do it all at once) and then formatting it all into a nice neat organized format at a later time near the end of your studying (and before taking the NCEES practice exam). This will collectively take a few hours to make but will save a lot of time during the exam and will give you much more confidence going in.

Walnuts and blueberries are great brain food for the exam. Drink lots of water. Take "bathroom breaks" often, get up out of your seat and take a walk to the bathroom. (I probably did this every hour at least because small bladder + lots of water drinking... :)). Even just two minutes away from the exam every hour or hour and a half will give your mind a rest. Those 10 minutes or so will do more for your mind and success on the exam than 10 more minutes frantically working on problems. Part of success on the exam is maintaining metal stamina for 8 hours. And don't worry about annoying the proctors with this, who cares.

I know also people often make fun of those who take a suitcase full of books, but don't listen to them. Maybe they are just smarter than me. Who cares if you take 15 books in with you. Take the 3 or 4 books you know you'll use and are intimately familiar with and take anything else with you that could even possibly help you. If you have a couple of minutes and find 1 answer in a random book, well, then success. The exam is only 80 questions, so 1 can make the difference. I took a suitcase and don't regret it one bit. As long as you know very well the few good resources you'll be using often and don't plan on spending hours looking through lots of books hoping to find a bunch of answers you'll be ok. Having a few extra books "just in case" is NOT a bad thing. I didn't even look at 2/3 of them on the exam, but who cares. Now is not the time to worry about what people think of you.

Take a prep class if you can, it will help focus your study efforts. Also, if you are very serious about passing and somehow can find the funds, get the NESC. I know some say it isn't really needed, but even if there is just one or two questions on it, that may make the difference. Again, only 80 questions. Just resell it afterwards if there is still a market.

A couple final things. When taking the NCEES practice exam, take it as you would the real exam. Time yourself for the 4 hours, then do a lunch break and go at it another 4 hours. This
will give you a solid idea of what the test will be like. Again, part of success on the exam is mental stamina. In addition, you will learn valuable information about how you can manage your time better too. Don't score it until the end. Also, when doing practice problems and on the exam, underline the exact thing the question is asking. This will focus your attention on what it is they are asking and will help you to not accidentally misread a question. It will also force you to read the questions more slowly. Taking extra time on the front end of a question will make answering it more efficient.

Finally, practice like you putt and putt like you practice. Work problems the same way you will approach them on an exam. Then come exam time, work those problems the same way you have been doing.

My primary reference/study materials:
*NEC (this one is obvious). Get the tabs too.
*Georgia Tech prep class, the binder it comes with was overall great and one of my main resources I went to often
*EE's Guide to Passing the Power PE Exam (Graffeo) - MAKE SURE YOU READ THE ERRATA, because there are a few key things in this book which are wrong. Otherwise, this was my main reference book when studying and taking the exam. I took many notes in this book.
*Spin-Up exams and Complex Imaginary - each has a different flavor of questions, doing problems in both will give a good mixture.
*Power System Analysis (Granger) - I didn't use this a ton, but it was helpful for a couple of concepts that needed more clarity and better explained concepts or had better graphs / equations. No need to get the newest version, just buy an older, much cheaper one.
*NESC

In the end, the two reference books I used by far the most on the exam were the GA Tech binder and Graffeo's book. (obviously used the NEC a lot too)
Electrical Power PE Exam Survey - October 2017

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Did you pass the exam? *

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Other: __________________________________________________________
What were your MOST confident topics? Select 3.

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- Transmission & Distribution - voltage drop, voltage regulation, power factor correction, power quality, fault current, grounding,
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- Devices and Power Electronic Circuits
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- Measurement and Instrumentation
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What were your LEAST confident topics? Select 3.

- [ ] Measurement & Instrumentation
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- [ ] Codes and Standards
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Additional Comments? Words of advice?

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Electrical Power PE Exam Survey - October 2017

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Did you pass the exam? *

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44

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49

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Practice solving problems quicker can help improving success.

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☐ More than 5 years

Is this your first time taking the exam?

☐ Yes
☐ No. This is my second time taking the exam.
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- [ ] 0-100 hours
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- How to pass the PE exam - graffeo
- NEC
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- The Art and Science of Protective Relaying
- IEEE Standards
- NFPA 70E
- NFPA Lightning
- PPI Sample Exams
- Power System Analysis - Grainger
- Electric Machinery Fundamentals - Chapman
- PPI Camara Book

Other: ____________________________________________
What were your MOST confident topics? Select 3.

☑ Codes and Standards

☐ Transmission & Distribution - voltage drop, voltage regulation, power factor correction, power quality, fault current, grounding,

☐ Protection - Overcurrent protection, protective relaying, coordination, protective devices

☑ Circuit Analysis

☐ Devices and Power Electronic Circuits

☑ Rotating Machines

☐ Electromagnetic Devices

☑ Power System Performance

☐ Measurement and Instrumentation

☐ Special Applications
What were your LEAST confident topics? Select 3.

- [ ] Measurement & Instrumentation
- [ ] Special Applications
- [ ] Devices and Power Electronic Circuits - baterry, power supplies, inverters, vsd's, plc's, etc.
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- [ ] Rotating Machines
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Additional Comments? Words of advice?

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Electrical Power PE Exam Survey - October 2017

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Did you pass the exam? *

- Yes
- No

If you did not pass the exam, then what was your score out of 80?

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Other: 

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- Power System Analysis - Grainger
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- Other: NESC
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50 hours of studying. Just work problems.

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- Power System Performance
- Electromagnetic Devices

Additional Comments? Words of advice?

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Electrical Power PE Exam Survey - October 2017

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Did you pass the exam? *

☐ Yes

☐ No

If you did not pass the exam, then what was your score out of 80?

How many years of engineering experience do you have at the time of the exam in the fields tested by the exam?

☐ 2-3 years

☐ 3-4 years

☐ 4-5 years

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- How to pass the pe exam - graffeo
- NEC
- Electric Machines, Drives and Power Systems - Wildi
- The Art and Science of Protective Relaying
- IEEE Standards
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- Electric Machinery Fundamentals - Chapman
- PPI Camara Book
- Other: spin-up practice exams, NESC
What were your MOST confident topics? Select 3.

- Codes and Standards
- Transmission & Distribution - voltage drop, voltage regulation, power factor correction, power quality, fault current, grounding,
- Protection - Overcurrent protection, protective relaying, coordination, protective devices
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- Devices and Power Electronic Circuits
- Rotating Machines
- Electromagnetic Devices
- Power System Performance
- Measurement and Instrumentation
- Special Applications
What were your LEAST confident topics? Select 3.

- Measurement & Instrumentation
- Special Applications
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60

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Additional Comments? Words of advice?

Understand what you studied, study and practice. This is a very simple Engineering exam. Practice all types of questions available in the market and make your notes with inch depth of knowledge and information. If you score more than 80-85 percent in CI first time you do it, then you can expect 80% and above in actual exam. I refered only Wildi, NEC, NESC and my personal notes. This forum helps and directs your studies in a good way, do participate here for personal as well as social gain.
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☑ Complex Imaginary Sample Exams

☐ How to pass the pe exam - graffeo

☑ NEC

☐ Electric Machines, Drives and Power Systems - Wildi

☐ The Art and Science of Protective Relaying

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☐ NFPA 70E

☐ NFPA Lightning

☐ PPI Sample Exams

☐ Power System Analysis - Grainger

☐ Electric Machinery Fundamentals - Chapman

☐ PPI Camara Book

☐ Other:  

---------------------------------------------------------------
What were your MOST confident topics? Select 3.

☐ Codes and Standards

☐ Transmission & Distribution - voltage drop, voltage regulation, power factor correction, power quality, fault current, grounding,

☐ Protection - Overcurrent protection, protective relaying, coordination, protective devices

☐ Circuit Analysis

☐ Devices and Power Electronic Circuits

☐ Rotating Machines

☐ Electromagnetic Devices

☐ Power System Performance

☐ Measurement and Instrumentation

☐ Special Applications
What were your LEAST confident topics? Select 3.

- Measurement & Instrumentation
- Special Applications
- Devices and Power Electronic Circuits - battery, power supplies, inverters, vsd's, plc's, etc.
- Circuits
- Codes and Standards
- Rotating Machines
- Transmission and Distribution
- Protection
- Power System Performance
- Electromagnetic Devices

Additional Comments? Words of advice?

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Electrical Power PE Exam Survey - October 2017

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Did you pass the exam? *

- Yes
- No

If you did not pass the exam, then what was your score out of 80?

38

How many years of engineering experience do you have at the time of the exam in the fields tested by the exam?

- 2-3 years
- 3-4 years
- 4-5 years
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- [ ] Circuit Analysis
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- [ ] Electromagnetic Devices
- [x] Power System Performance
- [ ] Measurement and Instrumentation
- [ ] Special Applications
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- [ ] Rotating Machines
- [ ] Transmission and Distribution
- [x] Protection
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49

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- **Power System Performance**
- **Measurement and Instrumentation**
- **Special Applications**
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- [X] Protection
- [X] Power System Performance
- [X] Electromagnetic Devices

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1


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- Electromagnetic Devices
- Power System Performance
- Measurement and Instrumentation
- Special Applications
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- Measurement & Instrumentation
- Rotating Machines
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Additional Comments? Words of advice?
Electrical Power PE Exam Survey - October 2017

A survey that gauges your performance and compares this level with your total number of study hours and references used during the exam.

Did you pass the exam? *

☐ Yes
☒ No

If you did not pass the exam, then what was your score out of 80?

How many years of engineering experience do you have at the time of the exam in the fields tested by the exam?

☐ 2-3 years
☐ 3-4 years
☐ 4-5 years
☐ More than 5 years

Is this your first time taking the exam?

☐ Yes
☐ No. This is my second time taking the exam.
☐ No. I have taken the exam more than 2 times.
How many hours did you study for this exam?

- 0-100 hours
- 101-200 hours
- 201 to 300 hours
- 301-400 hours
- 401-500 hours
- More than 500 hours
Which references would you recommend for the exam? *

- Personal study notes and cheat sheets.
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- Engineering Pro Guides exam prep materials
- Complex Imaginary Sample Exams
- How to pass the pe exam - grafleo
- NEC
- Electric Machines, Drives and Power Systems - Wildi
- The Art and Science of Protective Relaying
- IEEE Standards
- NFPA 70E
- NFPA Lightning
- PPI Sample Exams
- Power System Analysis - Grainger
- Electric Machinery Fundamentals - Chapman
- PPI Camara Book
- Other:

https://docs.google.com/forms/d/14qDwsedhVPLhwKr7-Eqzx9FVlDkKg_a1Jcj1UyF3r4M/edit#responses
What were your MOST confident topics? Select 3.

- Codes and Standards
- Transmission & Distribution - voltage drop, voltage regulation, power factor correction, power quality, fault current, grounding,
- Protection - Overcurrent protection, protective relaying, coordination, protective devices
- Circuit Analysis
- Devices and Power Electronic Circuits
- Rotating Machines
- Electromagnetic Devices
- Power System Performance
- Measurement and Instrumentation
- Special Applications
What were your LEAST confident topics? Select 3.

☐ Measurement & Instrumentation
☐ Special Applications
☐ Devices and Power Electronic Circuits - battery, power supplies, inverters, vsd's, plc's, etc.
☐ Circuits
☐ Codes and Standards
☐ Rotating Machines
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