

### **Advanced methodology for estimation of value of lost load (VOLL) using equipment specific health indices**

**Manninen, Henri; Kilter, Jako;** Landsberg, Mart 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärđla, Estonia, June 12-15, 2019 : proceedings 2019 / 6 p  
<https://doi.org/10.1109/PQ.2019.8818245>

### **Analysis of harmonic current stability and summation of LED lamps**

**Jarkovoi, Marek; Iqbal, Muhammad Naveed; Kütt, Lauri** 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärđla, Estonia, June 12-15, 2019 : proceedings 2019 / 8 p. : ill <https://doi.org/10.1109/PQ.2019.8818237>

### **Comparison of machine learning based methods for residential load forecasting**

**Shabbir, Noman; Ahmadihangar, Roya; Kütt, Lauri; Rosin, Argo** 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärđla, Estonia, June 12-15, 2019 : proceedings 2019 / 4 p. : ill <https://doi.org/10.1109/PQ.2019.8818267>

### **Comparison of the impact of different household occupancies on load matching algorithms**

**Häring, Tobias; Ahmadihangar, Roya; Rosin, Argo;** Biechl, Helmuth; **Korõtko, Tarmo** 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärđla, Estonia, June 12-15, 2019 : proceedings 2019 / 6 p. : ill <https://doi.org/10.1109/PQ.2019.8818270>

### **Compliance assessment of a phasor measurement unit to IEC 61000-4-30 class a for power quality measurements in transmission systems**

**Löper, Mari; Kilter, Jako;** Stiegler, Robert; Meyer, Jan 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärđla, Estonia, June 12-15, 2019 : proceedings 2019 / 6 p  
<https://doi.org/10.1109/PQ.2019.8818272>

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### **Design of LCL-filter for grid-connected buck-boost inverter based on unfolding circuit**

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### **A fast current harmonic detection and mitigation strategy for shunt active filter**

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### **Fast path-oriented strategy for power system restoration**

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### **Impact of LED thermal stability to household lighting harmonic load current modeling**

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**Overview of the use of Bellman dynamic programming method to eliminate oscillations in mechanical and electrical assemblies of technical objects**

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