<table>
<thead>
<tr>
<th>Poster Board Number</th>
<th>Paper Number</th>
<th>Paper Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>23GET000006</td>
<td>The Intelligent Grid: Integrating Data from All Sources for Use by All Applications</td>
<td>Andrew West</td>
</tr>
<tr>
<td>2</td>
<td>23GET000016</td>
<td>Applying Edge Computing to Distribution Automation</td>
<td>James Stoupis</td>
</tr>
<tr>
<td>3</td>
<td>23GET000017</td>
<td>Improving Utility Cables Diagnostics and Prognostics using Machine Learning</td>
<td>Shishir Shekhar and Shashwat shekhar</td>
</tr>
<tr>
<td>4</td>
<td>23GET000019</td>
<td>Tracking Periodic Voltage Sags via Synchronphasor Data in a Geographically Bounded Service Territory</td>
<td>Xin Xu, Luigi Vanfretti, Chetan Mishra, Brian Starling, Kevin D. Jones and Matthew Gardner</td>
</tr>
<tr>
<td>5</td>
<td>23GET000021</td>
<td>Generator Aggregation and Power Grid Stability</td>
<td>John Moloney, Sam Williamson and Cameron Hall</td>
</tr>
<tr>
<td>6</td>
<td>23GET000022</td>
<td>Development of a NARX State-of-Charge Predictor based on Active Power Demand</td>
<td>Alexander Crain, Eldrich Rebello, Adam Sherwood and Darren Jang</td>
</tr>
<tr>
<td>7</td>
<td>23GET000024</td>
<td>Smart Electric Energy District (SEED): Analysis of a Senior Housing Campus in Pittsburgh</td>
<td>Elizabeth Cook, Jessica Valentine, Katrina Kelly-Pitou, Sabrina Nguyen and William Thai</td>
</tr>
<tr>
<td>8</td>
<td>23GET000025</td>
<td>Quantifying Transformer and Cable Degradation in Highly Renewable Electric Distribution Circuits</td>
<td>Wei Xi Wang, Robert Flores, Ghazal Razeghi and Jack Brouwer</td>
</tr>
<tr>
<td>9</td>
<td>23GET000026</td>
<td>Power Flow Control Via Effective Dispatch of Modular FACTS Devices</td>
<td>Sogol Babaeinejadsooklae, Tom Nudell, Daniel Schweer and Medha Subramanian</td>
</tr>
<tr>
<td>10</td>
<td>23GET000027</td>
<td>Incremental Subgradient Method for EVs Smart Charging Flexibility in Wholesale Energy Markets</td>
<td>Sebastian Montes de Oca, Pablo Monzon and Pablo Belzarena</td>
</tr>
<tr>
<td>11</td>
<td>23GET000029</td>
<td>EV Hosting Capacity and Voltage Unbalance: An Australian Case Study</td>
<td>Yushan Hou, Jing Zhu, Michael Z Liu, William J Nacmanson and Luis P Ochoa</td>
</tr>
<tr>
<td>13</td>
<td>23GET000034</td>
<td>Detection of Floating Neutral Condition in a Form 2S Electric Meter</td>
<td>Ibon Vicente Figueirido, Lakshan Pyashinghe and Larry Kremer</td>
</tr>
<tr>
<td>14</td>
<td>23GET000035</td>
<td>Cost-benefit Analysis of Grid-Supportive Loads for Fast Frequency Response</td>
<td>Sunil Subedi, Michael Bionsky, Yeongrack Son and Barry Mather</td>
</tr>
<tr>
<td>15</td>
<td>23GET000036</td>
<td>Parallel Line Resonance Between Interagency Transmission Lines and the Effect on a De-Energized Line with Fixed Shunt Reactance</td>
<td>Sam Ashmore, Mehrdad Majidi and Mehdi Etezadi-Amoli</td>
</tr>
<tr>
<td>16</td>
<td>23GET000043</td>
<td>A Resilience-Driven Battery Energy Storage System Sizing Strategy for Grid Edge Radial Supplies</td>
<td>Alexandre Nassif</td>
</tr>
<tr>
<td>17</td>
<td>23GET000044</td>
<td>Modeling and Measurement of Load Rejection Overvoltage of Inverter-Based Resources Interconnected to Distribution Feeders</td>
<td>Alexandre Nassif and Keaton Wheeler</td>
</tr>
<tr>
<td>18</td>
<td>23GET000047</td>
<td>Maximum likelihood estimation of distribution grid topology and parameters from Smart Meter data</td>
<td>Lisa Laurent, Jean-Sébastien Brouillon and Giancarlo Ferrari-Trecate</td>
</tr>
<tr>
<td>19</td>
<td>23GET000048</td>
<td>Integration of a Smart Outlet-Based Plug Load Management System with a Building Automation System</td>
<td>Keaton Chia, Amy LeBar, Vardhan Agarwal, Mandy Lee, Joe Ikedo, Jesse Wolf, Kim Treanath and Jan Kleissl</td>
</tr>
<tr>
<td>20</td>
<td>23GET000050</td>
<td>Effectively Managing Today's Transformer Challenges for Increased Asset Reliability &amp; Sustainability</td>
<td>Traci Hopkins</td>
</tr>
<tr>
<td>22</td>
<td>23GET000065</td>
<td>Volt-VAr Optimization of PV Smart Inverters in Unbalanced Distribution Systems &lt;br clear=&quot;all&quot;&gt;</td>
<td>Zahra Soltani, Shanshan Ma, Mohammad Ghaljehei and Mohdeh Khorasand</td>
</tr>
<tr>
<td>23</td>
<td>23GET000070</td>
<td>Time Series Classification for Detecting Fault Location in a DC Microgrid</td>
<td>Samuel Ojetola and Matthew Reno</td>
</tr>
<tr>
<td>24</td>
<td>23GET000072</td>
<td>Effective Microgrid Optimal Dispatch Settings</td>
<td>Mohammad Farajollahi, Aslan Mojallal and Mohammad R. Dadash Zadeh</td>
</tr>
<tr>
<td>26</td>
<td>23GET000082</td>
<td>A scalable method for probabilistic short-term forecasting of individual households consumption in low voltage grids</td>
<td>Lola Botman, Jesus Lago, Thijs Becker, Mauricio Agudelo, Koen Vanthournout and Bart De Moor</td>
</tr>
<tr>
<td>27</td>
<td>23GET000083</td>
<td>Adaptive Chance Constrained MPC under Load and PV Forecast Uncertainties</td>
<td>Avik Ghosh, Cristian Cortes-Aguirre, Yi-An Chen, Adil Khurram and Jan Kleissl</td>
</tr>
<tr>
<td>28</td>
<td>23GET000085</td>
<td>Estimating the Output of Behind the Meter Solar Farms by Breaking Irradiance Data into its Diffuse and Direct Components</td>
<td>Conner Ozatalar, Rabia Ahmad, Phillip Pambuh and Harshil Shah</td>
</tr>
<tr>
<td>29</td>
<td>23GET000086</td>
<td>Grid-Edge Dynamic Volt-VAr Control Solution to Mitigate System Impacts Caused by Vast EV Charging Infrastructure Integration</td>
<td>Roozbeh Karandeh, Hong Chun and Damien Tholomier</td>
</tr>
<tr>
<td>Page</td>
<td>Reference</td>
<td>Title</td>
<td>Authors</td>
</tr>
<tr>
<td>------</td>
<td>-----------</td>
<td>-----------------------------------------------------------------------</td>
<td>-------------------------------------------------------------------------</td>
</tr>
<tr>
<td>30</td>
<td>23GET000087</td>
<td>A Novel Resilience-Oriented Cellular Grid Formation Approach for Distribution Systems with Behind-the-Meter Distributed Energy Resources</td>
<td>Utkarsh Kumar and Fei Ding</td>
</tr>
<tr>
<td>31</td>
<td>23GET000088</td>
<td>Safety, Reliability and Efficiency ‐ beyond the grid edge</td>
<td>HUGH BORLAND and Mike McCormack</td>
</tr>
<tr>
<td>32</td>
<td>23GET000091</td>
<td>Short-term load forecasting using UK non-domestic businesses to enable demand response aggregators ’ participation in electricity markets</td>
<td>Maita Al Shimmari</td>
</tr>
<tr>
<td>33</td>
<td>23GET000093</td>
<td>Surplus energy in solar home systems as driver for bottom-up grids: When grids emerge from the edge</td>
<td>Ida Fuchs, Sergio Balderrama, Pedro Crespo del Granado, Sylvain Quoilin and Jayaprakash Rajasekharan</td>
</tr>
<tr>
<td>34</td>
<td>23GET000094</td>
<td>Adaptive approach for primary frequency support by wind turbines based on grid code requirements and turbines limitations</td>
<td>Bashar Melhem and Steven Liu</td>
</tr>
<tr>
<td>35</td>
<td>23GET000095</td>
<td>Techno-Economical Comparison of MVAC and MVDC Micro-Grids with High PV Penetration</td>
<td>Yiming Chen, Santiago Grijalva and Lukas Graber</td>
</tr>
<tr>
<td>36</td>
<td>23GET000096</td>
<td>Security and Trust Metrics for Edge Computing</td>
<td>John Acken, Naresh Sehgal, Divya Bansal and Robert Bass</td>
</tr>
<tr>
<td>37</td>
<td>23GET000097</td>
<td>Comparative Life Cycle Assessment of SF&lt;sub&gt;6&lt;/sub&gt;-based SP-3 and SF&lt;sub&gt;6&lt;/sub&gt;-free Eco 145kV Gas Insulated Switchgears</td>
<td>Kedar Pandya, Javier Mantilla and Manuel Gotti</td>
</tr>
<tr>
<td>38</td>
<td>23GET000098</td>
<td>Testing Challenges and Approaches for DERMS Deployment</td>
<td>Syed Qaseem Ali, Shadi Chuangpishit, Farid Katriaei, Chad Abbey and Samrat Datta</td>
</tr>
<tr>
<td>39</td>
<td>23GET000099</td>
<td>AdaBoost-based Cyberattack Detection Algorithm for Battery Systems Providing Frequency Regulation</td>
<td>Nina Kharlamova, Chresten Traehold and Seyedmostafa Hashemi</td>
</tr>
<tr>
<td>40</td>
<td>23GET000100</td>
<td>Joint Resource Modeling and Assessment for Hybrid Distributed Solar and Wind Systems</td>
<td>Wenqi Zhang, Cong Feng and Bri-Mathias Hodge</td>
</tr>
<tr>
<td>41</td>
<td>23GET000102</td>
<td>Enhancing Conservation Voltage Reduction with Grid Edge Volt-VAR Control</td>
<td>Rahul Jha, Wen Fan, Paul Pabst, Youqi Guo and Hong Chun</td>
</tr>
<tr>
<td>42</td>
<td>23GET000103</td>
<td>Energy Management of Ultra Fast Charging Stations</td>
<td>Sony Susan Varghese, Syed Qaseem Ali and Geza Joos</td>
</tr>
<tr>
<td>43</td>
<td>23GET000106</td>
<td>Adaptive-Extremum Seeking Method for Impedance Identification in Distribution Grids</td>
<td>Taha Saeed Khan and Hamidreza Nazari Pouya</td>
</tr>
<tr>
<td>44</td>
<td>23GET000107</td>
<td>Non-intrusive Monitoring of Edge-level Cryptocurrency Mining in Power Distribution Grids</td>
<td>Ranyu Shi, Ali Menati and Le Xie</td>
</tr>
<tr>
<td>45</td>
<td>23GET000109</td>
<td>Network of Microgrids: Opportunities and Challenges</td>
<td>Kyle Sleen and Ganesh Venayagamoorthy</td>
</tr>
<tr>
<td>46</td>
<td>23GET000110</td>
<td>Federated Learning vs Edge Learning for Hot Water Demand Forecasting in Distributed Electric Water Heaters for Demand Side Flexibility Aggregation</td>
<td>Surya Pandiyyan and Jayaprakash Rajasekharan</td>
</tr>
<tr>
<td>48</td>
<td>23GET000114</td>
<td>Steady State Voltage Regulation Requirements for Grid-Forming Inverter based Power Plant in Microgrid Applications</td>
<td>Wenzong Wang and Aminul Huque</td>
</tr>
<tr>
<td>49</td>
<td>23GET000118</td>
<td>Training A Deep Reinforcement Learning Agent for Microgrid Control using PSCAD Environment</td>
<td>Arash Farokhi Soofi, Reza Bayani, Mehrdad Yazdanibouki and Saeed D. Manshadi</td>
</tr>
</tbody>
</table>