Reformatted Table

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Question | Strongly Agree | Strongly Agree Count | Agree | Agree Count | Neutral | Neutral Count | Disagree | Disagree Count | Strongly Disagree | Strongly Disagree Count |
| Apply suitable load management techniques to achieve a reliable and sustainable power delivery system. | 27.27 | 3.0 | 36.36 | 4.0 | 9.09 | 1.0 | 0.0 | 0.0 | 27.27 | 3.0 |
| Able to construct a fair and effective electricity tariff structure. | 36.36 | 4.0 | 27.27 | 3.0 | 18.18 | 2.0 | 0.0 | 0.0 | 18.18 | 2.0 |
| Analyse the various causes of poor power quality in distribution systems due to switching events. | 36.36 | 4.0 | 27.27 | 3.0 | 9.09 | 1.0 | 9.09 | 1.0 | 18.18 | 2.0 |
| Able to apply appropriate mitigation techniques to improve power quality in distribution systems (voltage sags/swells). | 36.36 | 4.0 | 27.27 | 3.0 | 9.09 | 1.0 | 0.0 | 0.0 | 27.27 | 3.0 |
| Able to apply mitigation techniques to reduce the harmonic distortions in distribution networks. | 54.55 | 6.0 | 18.18 | 2.0 | 9.09 | 1.0 | 0.0 | 0.0 | 18.18 | 2.0 |
| Able to predict the position of the sun for the purpose of designing renewable solar energy systems. | 45.45 | 5.0 | 18.18 | 2.0 | 9.09 | 1.0 | 9.09 | 1.0 | 18.18 | 2.0 |
| Able to estimate the amount of solar insolation and understand how the solar panel can be best aligned for maximum energy collection. | 45.45 | 5.0 | 18.18 | 2.0 | 18.18 | 2.0 | 0.0 | 0.0 | 18.18 | 2.0 |
| Able to compute the current-voltage characteristics of solar cells, modules and arrays and apply mitigation techniques to shading problems. | 45.45 | 5.0 | 27.27 | 3.0 | 9.09 | 1.0 | 0.0 | 0.0 | 18.18 | 2.0 |
| Able to predict the power and energy of renewable wind resource at various wind speeds, temperatures and altitudes. | 45.45 | 5.0 | 18.18 | 2.0 | 9.09 | 1.0 | 9.09 | 1.0 | 18.18 | 2.0 |
| Able to understand the basic design of wind turbines and to predict the generated wind power injected into the grid. | 54.55 | 6.0 | 18.18 | 2.0 | 9.09 | 1.0 | 0.0 | 0.0 | 18.18 | 2.0 |
| Appreciate the need for lifelong learning and self-education in the design and operation of distribution systems with renewable energy generations. | 45.45 | 5.0 | 18.18 | 2.0 | 9.09 | 1.0 | 9.09 | 1.0 | 18.18 | 2.0 |
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