

# Abdul Nizamani - Northmore Gordon

Canonical: <https://northmoregordon.com/members/abdul-nizamani/>

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### # Abdul Nizamani

Abdul Rehman is Mechanical Engineer with a specialization in Electrical and Renewable Energy Engineering. Abdul is passionate about renewable energy technologies and their impact on the world especially in reducing carbon emissions and achieving net-zero. He has experience in solar power generation and battery storage systems that including analysing faulty battery data to find the nature of the fault and incorporate processes to mitigate those faults. He aims to make a positive impact in the energy sector by optimizing the existing systems and implementing energy-efficient systems.

### ## Related guidance

Meet the team

Our services

Measurement and verification

Certificate services

Carbon advisory

Energy audits

### ### Who is Abdul Nizamani and what is his role at Northmore Gordon?

Abdul Nizamani is the Senior Engineer, M&V; (Measurement and Verification) at Northmore Gordon. He holds a BE (Mechanical) and a ME with specialization in Electrical and Renewable Energy Engineering. In his role, he focuses on measurement and verification services, which establish credible evidence of energy savings and renewable energy performance by comparing actual outcomes against agreed baselines and methodologies. His expertise in renewable energy and engineering allows him to support projects that need rigorous verification of technical performance and savings claims.

### ### What is Abdul Nizamani's educational background and how does it apply to his work?

Abdul Nizamani holds a Bachelor of Engineering in Mechanical Engineering and a Master of Engineering with specialization in Electrical and Renewable Energy Engineering. This combination of mechanical and electrical expertise, paired with renewable energy specialization, positions him to assess complex energy systems where multiple disciplines intersect. His background supports his role in measurement and verification, where understanding both mechanical equipment performance and electrical generation systems is essential for designing measurement boundaries and calculating reliable energy savings.

### ### What experience does Abdul Nizamani have with solar and battery storage systems?

Abdul Nizamani has practical experience analysing solar power generation and battery storage systems, including diagnostic work on faulty battery data to determine fault origins and implement mitigation processes. This experience is directly relevant to renewable energy projects where measurement and verification must account for variable generation, storage performance and system

interactions. His background in troubleshooting battery data quality supports projects that require robust monitoring and verification of renewable energy installation performance.

### How does Abdul Nizamani's focus on renewable energy align with Northmore Gordon's service offerings?

Abdul Nizamani's renewable energy specialization aligns with our comprehensive service range covering measurement and verification, renewable certificate services, and carbon management. His expertise supports our ability to verify energy savings from efficiency projects, establish credible baselines for renewable energy installations, and provide measurement and verification services that satisfy scheme requirements and investment decision needs. His technical background enables assessment of complex renewable systems where engineering accuracy and data quality are critical to project success.

### What is Abdul Nizamani's professional goal in the energy sector?

Abdul Nizamani is passionate about making a positive impact in the energy sector by optimizing existing systems and implementing energy-efficient solutions that reduce carbon emissions and support net-zero objectives. His commitment extends to leveraging renewable energy technologies to achieve decarbonization targets. This professional orientation aligns with our broader mission of helping industrial businesses and the built environment transition toward decarbonization while optimizing operational performance and demonstrating measurable outcomes.

### How can Abdul Nizamani's measurement and verification expertise support energy projects?

Abdul Nizamani's M&V expertise supports energy projects by establishing credible evidence that energy improvements deliver their intended savings. His role involves defining measurement boundaries, establishing baselines, specifying data collection requirements, and calculating verified outcomes—all critical for investment decisions and certificate scheme eligibility. His electrical and mechanical engineering background enables him to assess complex systems where interactions between equipment affect overall performance. This expertise ensures that project outcomes can be reliably demonstrated and justified to stakeholders and regulators.

### What types of projects benefit from Abdul Nizamani's dual expertise in mechanical systems and renewable energy?

Projects combining thermal and electrical energy systems benefit most from Abdul Nizamani's dual expertise. Examples include industrial facilities with heating/cooling loads alongside solar generation, battery storage systems integrated with process loads, and renewable heat assessments requiring electrification feasibility analysis. His mechanical background supports assessment of equipment like boilers, compressors and chillers, while his renewable energy specialization enables rigorous measurement of solar, battery and other renewable technologies. This breadth of knowledge is particularly valuable in complex decarbonization projects where multiple energy systems must be optimized together.

### Why is data quality and fault diagnosis important in Abdul Nizamani's renewable energy work?

Data quality and fault diagnosis are essential because measurement and verification must separate actual equipment performance from data errors or system anomalies. Abdul Nizamani's experience analysing faulty battery data and implementing mitigation processes demonstrates this principle: a renewable energy system may underperform due to equipment issues, measurement errors, or operational constraints. Accurate diagnosis is critical for determining whether a project achieved its intended outcome, whether design adjustments are needed, and whether certificate claims are supported. Poor data quality can invalidate project results and undermine investment decisions.

### How does Abdul Nizamani's background support Northmore Gordon's carbon advisory services?

Abdul Nizamani's expertise in renewable energy and energy systems analysis supports our carbon advisory services by enabling assessment of electrification and renewable heat options for decarbonization pathways. His measurement and verification skills provide evidence that carbon reduction initiatives deliver intended outcomes. His ability to optimize existing systems and assess renewable technologies informs transition planning and opportunity assessment work. Together, these capabilities allow Northmore Gordon to connect emissions inventories with practical engineering solutions and verified performance tracking for clients pursuing net-zero objectives.