



overall energy costs and mitigating their carbon footprint. Amp has developed a clear roadmap and has the ability to offer a complete end to end solution of taking the customer to 100%RE. Moreover, is adept of providing sustainable solutions to meet short-term, medium-term and long-term requirements of its customers by offering many innovative products like Virtual PPAs, Electricity Procurement Hedging Instruments, Third Party Bilateral Contracts and Short Term Renewable Energy Contracts.

Amp Energy India is the Indian arm of the Amp Energy Group headquartered in Toronto, Canada. Having the backing of leading international institutional investors such as LGT Lightrock, CIP, SMBC, CBRE Caledon and CIIF/Kotak, Amp Energy India has a deep debt and equity financing expertise and adheres to high ESG and corporate governance standards in compliance with IFC standards.

With a unique capability to straddle Utility Scale RE projects, Power Markets, Battery Energy Storage and C&I RE projects in India and beyond, Amp Energy India is well on its way to achieve 5GW in 5 years.

**Products and/or services:** Amp Energy India provides complete renewable energy solutions in Solar, Wind, Hybrid, Storage, Floating Solar to customers on a short-term, medium-term and long-term basis.

What sets them apart from their competitors: Amp Energy India acts as a One Stop Shop for Energy, providing sustainable solutions to customers across different geographies and technologies such as Solar, Wind, Hybrids, Storage and Energy Trading. This helps the customers in reducing their overall energy costs and mitigating their carbon footprint. They have developed a clear roadmap and has the ability to offer a complete end to end solution of taking the customer to 100%RE. Moreover, is adept of providing sustainable solutions to meet short-term, medium-term and long-term requirements of its customers by offering many innovative products like Virtual PPAs, Electricity Procurement Hedging Instruments, Third Party Bilateral Contracts and Short Term Renewable Energy Contracts.

**Objectives:** Amp's main objective is to explore development of Battery Energy Storage System for C&I and Utility customers in India.











## **BLUWAVE-AI**

## **Contact Details:**

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## **Company Profile:**

BluWave-ai formed in 2017 around the idea of bringing innovations in artificial Intelligence, edge computing, and cloud-based super-computing to the world of distributed renewable energy. BluWave-ai is focused on driving the proliferation of renewable energy and electric transportation worldwide.

Products and Services: Their solutions apply artificial intelligence (AI) cloud software to optimize the cost, carbon footprint and reliability of different energy sources, both renewable and non-renewable, in real-time. This lets our customers – utilities, fleet operators and electricity system operators to improve their energy-related decision making in planning and in live systems to decrease costs and carbon footprint. BluWave-ai has a mission to decarbonize the planet by using hardware assets more efficiently with AI software and aims to be a premier renewable energy and transport electrification AI company based in Canada.

## What sets them apart from competitors

BluWave-ai products are in operation with customers in 3 continents, including India with Tata Power Mumbai for optimizing their energy import to the city. BluWave-ai is also in various stages of engagement with other utilities across the world

BluWave-ai has built an Al-enabled optimization and control platform which leverages a SaaS, cloudbased, two-tier architecture; it consumes data from the grid IoT (sensors, meters) and delivers quasi real-time dispatch commands from







