Skopje smart grid

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Obnovlivite izvori na energija se najnezavisni, najefektivni i najeftini izvori na energija. Energijata e dostapna vo dovolna kolichina za sekogo, nasekade i vo sekoe vreme.

Kontaktirajte ne i dobijte besplatna analiza za zashteda na energija.

Veruvame vo idnina vo koja pokrivame 100% od nashite globalni energetski potrebi od obnovlivi izvori. Vo idnina, obnovlivata energija k`e bide intelegentno i ekonomski generirana, skladirana, distribuirana i konzumirana so nevidena efikasnost.

Da se promeni svetot na podobro preku inovativni texnologii.

Besprekorni performansii kvalitet.

Za kontinuirano raboten`e na vashata solarna czentrala.

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In recent years, the integration of Artificial Intelligence (AI) technologies has revolutionized various industries worldwide, including utilities such as electricity generation, distribution, and supply. This article explores the deployment and impact of AI specifically within EVN Macedonia, a prominent player in North Macedonia’s energy sector.

EVN Macedonia, established in 2006 and headquartered in Skopje, operates as a subsidiary of the Austrian-based EVN Group. With a significant presence in North Macedonia, the company is responsible for electricity generation, distribution, and supply, serving approximately 800,000 electricity meters across the country.

One of the primary areas where AI has been implemented within EVN Macedonia is in the management of its smart grid infrastructure. AI algorithms are utilized to optimize grid operations, predict energy demand patterns, and enhance the efficiency of electricity distribution. By analyzing real-time data from smart meters and IoT devices, AI helps in balancing supply and demand, thus reducing operational costs and improving overall grid reliability.

AI-driven predictive maintenance has also transformed how EVN Macedonia manages its infrastructure. By leveraging machine learning models, the company can predict equipment failures before they occur. This proactive approach minimizes downtime, extends asset lifespan, and ensures uninterrupted electricity supply to consumers. Predictive analytics algorithms analyze historical data, sensor readings, and environmental

factors to identify potential issues and prescribe timely maintenance actions.

AI technologies play a crucial role in enhancing customer service at EVN Macedonia. Natural Language Processing (NLP) algorithms power virtual assistants and chatbots that handle customer inquiries, complaints, and service requests. These AI-driven systems provide timely responses, automate routine tasks, and improve customer satisfaction levels. Additionally, AI helps personalize customer interactions by analyzing past behaviors and preferences, thereby offering tailored energy management advice and services.

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