



GME

环联巨能能源发展有限公司

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Globalink Mega Energy Development Co., Ltd.

环联巨能 GME

环联巨能是一家深具社会责任感和使命感的企业，积极履行企业社会责任是公司创始人与员工高度的共识与热情。环联巨能致力成为一个合格的企业公民，积极承担作为社会组织角色的责任，将普遍社会价值与核心价值观与企业战略发展、日常运营、商业实践紧密集合，通过企业活动展示社会责任、通过科技创新影响社会生活，并最终积极参与进和谐社会的有益实践中。环联巨能始终强调商业诚信和道德价值，以负责任的方式实现创新的自由，与利益相关方紧密合作，共创未来，为社会发展做出富有热情与价值的贡献。

GME's mission is fundamentally about social responsibility in providing renewable energy and it is the common goal and passion of our founders and employees. To demonstrate social responsibility through corporate activities, to influence social life through technological innovation, and finally to actively participate in the beneficial practice of building a harmonious society. Business ethics and moral values are embedded in the company's core. We strive to make our business as environmentally and socially sustainable as possible.

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环联巨能能源发展有限公司
Globalink Mega Energy Development Co., Ltd.

环联巨能能源发展有限公司（以下简称“环联巨能”）是专注从事能源互联网业务，集新能源电站开发、建设、运营，储能系统，光热发电，微电网系统，电网设计，电力交易平台，供售电业务，碳资产开发、咨询为一体的科技创新型企业，推行全生命周期的运营模式，大力降低成本，推进光伏电价平价上网。

环联巨能拥有世界一流的科技研发团队和运营团队，紧密结合新能源产业、电力交易平台、环保产业，在全球范围内提供专业的以智能互联网为特点的新能源和电力交易、碳排放交易解决方案。

环联巨能致力为投资者提供持续良性的投资回报，为员工、业务伙伴及业务所在地提供发展和创收机会，持续为社会提供经济、高效、清洁的智慧能源，创造能源互联网时代的科技绿色家园。

GLOBALINK MEGA ENERGY DEVELOPMENT CO., LTD (hereinafter referred to as "GME") is a science and technology innovation oriented enterprise engaged in Energy internet, development, construction, operation of Renewable Energy power plants as well as energy storage systems, generating thermal power, micro grid system, design of power grid, power trading platform, electricity commodity trading, carbon balance development and consultation. We carry out the operation mode of entire life cycle, to reduce costs and to promote the PV electricity price parity on the internet.

We have a world class science and technology research and development team , operation team actively participating in the renewable energy, power trading, environmental protection industry trading platforms, providing professional smart internet solutions on a global scale for the renewable energy and power trading, carbon trading solutions. We are committed to providing continuous sound ROI (Return on Investments), growing developments and taxation revenues for our investors, our employees, business partners and project sites and economical, high proficiency clean smart energy for society, creating a Green Homeland in the era of Energy Internet.

■ 愿景：	成为受人尊重的国际化、高科技、以新能源为核心的电力企业
Mission	To become a recognizable, internationalized, high tech orientated power energy focused enterprise.
■ 核心价值观：	创新、和合、高效、价值
Core values	Innovation, Harmony, Efficiency, Value
■ 企业精神：	合作、创业、高速、引领
Enterprise spirit	Collaboration, Entrepreneurship, Full Speed, Leadership





四川省铁路产业投资集团公司

Sichuan Railway Investment Group Co., Ltd.

四川省铁路产业投资集团有限责任公司（以下简称“铁投集团”）是省人民政府批准设立的特大型国有投资集团公司，定位为功能Ⅱ型企业，主要代表省方承担国家重点铁路、地方铁路、高速公路项目的投资建设和运营管理，同时经营工程建设、清洁能源、矿产资源、物流贸易、新型城镇化等相关多元产业，业务遍及全国28个省市，以及非洲、中东、东南亚、俄罗斯等多个海外国家和地区。铁投集团目前下属四川路桥、川铁集团、城乡集团3大核心子公司和28个直属公司，员工20000多人。截止2016年底，集团公司实现营业收入650亿元，资产总额近2500亿元，净资产620亿元，呈现稳中快进的发展态势，经营规模和经济效益跃居省属国有企业前茅，企业综合实力、产业凝聚力和品牌影响力持续显著增强。

Sichuan Railway Investment Group Co., Ltd. (hereinafter referred to as the "Tie Tou Group Co., Ltd.") is approved by provincial people's government as a Type II, oversize state owned investment enterprise. Representing Sichuan province taking on the tasks for key state railways, local railways, expressway projects constructions and operations. Also, overseeing investment management, engineering construction and operation of clean energy, mineral resources, logistic related diversified industries such as trade, new urbanization. Covers 28 provinces and cities throughout the country, Africa, Middle East, Southeast Asia, Russia and other countries and regions. Tie Tou Group is the subsidiary of Sichuan Road and Bridge, Sichuan Railway Group and Urban and Rural Group which has 28 affiliated companies with more than 20000 employees. By end of 2016, gross income was RMB 65 billion, total asset RMB 250 billion and net asset RMB 62 billion. With its large business scale, healthy profits and steady growth, the group is propelled to move forward with commitment.

四川铁投环联能源股份公司

Sichuan Tietou Huanlian Energy Co., Ltd.

四川铁投环联能源股份有限公司（以下简称“铁投环联”）是由四川铁路投资产业集团与环联巨能能源发展有限公司共同发起设立的四川省属国有控股新能源企业，其中铁投集团持股54%，环联巨能持股46%。

铁投环联致力于发展电力能源全产业链，实施分类细化的需求侧响应，力争成为可提供一站式供能、用能、节能的区域能源综合供应商；力争成为四川省属能源智慧型企业的排头兵，促进区域创新、协调、绿色、开放、共享发展。

Sichuan Railway Global Mega Energy is a Sichuan province state owned renewable energy company jointly owned by Sichuan Railway Investment Group Co., Ltd and Globalink Mega Energy Development Co., Ltd., with controlling stake of 54% from TieTou Group and 46% from GME.

Sichuan Tietou Huanlian Energy Co., Ltd. is committed to the development of electric power industry chain, implementation of demand side response, strive to become one-stop comprehensive energy supplying and saving enterprise. Committed to become the regional leader in innovation, harmonious, green, open and cooperative in Sichuan Province's smart energy sector.



产业布局 Industrial Distribution

环联巨能新能源电站建设布局全球，依托领先的全生命周期管理能力，凭借全产业链的优秀整合能力，通过开发、设计、建设、运维的垂直一体化的业务模式，同业务合作伙伴深入互益合作，电站业务、智慧能源、电力交易等业务不断拓展。

Relying on leading management of life cycle, ability to integrate supply chain, through the model of vertical development, design, construction and operation, GME is able to achieve profitable success in power station, smart energy and electricity trading businesses with our partners.

2017-2021 五年发展目标 The 5 year development target

定性目标：致力于打造电力全产业链，成为可提供一站式供能、售能、节能的综合能源服务商。

定量目标：

资产总规模 **300亿** ↑

装机规模：

控股及参股权益装机 **350万千瓦** ↑

营业收入：

累计营业收入 **100亿** ↑

Qualitative Goal: To achieve complete electricity supply chain. To become one-stop comprehensive supply, sale and energy saving server.

Quantitative goals: Total asset scale RMB 30 billion.

Electricity Capacity: 3.5 million kilowatts

Revenue: Accumulative over RMB 10 billion. Of which RMB 7 billion from the sales of electricity power, RMB 2.5 billion from constructions and RMB 500 million from electricity related services.

开发 Development

环联巨能开发团队依托自身与业务合作伙伴品牌、资本、融资实力，凭借优秀的资源整合能力，通过自主开发、合作开发、项目并购等方式，稳步实现公司战略投资目标，在电站开发的收益评估、风险管控、项目核准/备案、项目融资等方面具有丰富的经验。

目前环联巨能开发团队紧跟国家新能源产业政策，新能源产业布局多元化，在风力资源开发、普通光伏电站（大型地面电站、农光互补、渔光互补、山地电站等）、光伏扶贫项目、分布式电站项目具备优秀的开发实战能力与资源储备。

GME's development team rely on its own strength and business partners, brand, capital, financing, and with excellent ability of resource integration, with "comprehensive risk control+ cutting edge design+ life cycle management" business model, with independent development, joint development, project acquisition, steadily realizing strategic investment goals in the area of power station development benefits evaluation, risk control, project approval/registration, with invaluable experience in project financing.

Currently, GME follows closely with National renewable energy industry policy, renewable energy industry layout diversification, in wind power resources development, photovoltaic power station (large ground light complementary power station, agriculture, fishing light complementary, mountain power station etc), photovoltaic project for under poverty regions, and distributed power station projects that's ready for development and resource reserves.



普通电站
Photovoltaic power station



风力发电
Wind power farm



光伏扶贫
Photovoltaic project for under poverty regions



领跑者
Leader project



分布式电站
Distributed power station

多元化发展 Diversified developments

设计 Design and Planning

环联巨能设计研发团队由国内顶级设计院核心专家组成，旗下拥有两家专业设计院，专注于新能源电站业务及电网业务，拥有新能源发电乙级资质，送电工程乙级、变电工程乙级资质，电力工程总承包资质，电力工程咨询资质等。

环联巨能设计院不断从事科技创新及设计优化，完成多项新能源发电先进技术，在智能化电网领域取得可喜的研究成果。

GME's design and planning team is composed of top notch experts from national institutes. We have 2 renowned design and planning institutes with qualifications and licenses in Renewable Energy class B, Power Transmission Engineering, Substation Engineering Class B, Contractor in Electricity Engineering and Electricity consultation that's focusing on renewable energy power station and power grid operations. We continue to thrive in the fields of innovation and design optimization technology, we have completed numerous advance power generating technological breakthroughs and we are gratified and proud of these achievements.

以设计为龙头

以设计为龙头是环联巨能商业模式中一以贯之的业务导向

为环联巨能新能源产业抱负保驾护航

Focused on Design & Planning is the business orientation through the GME's business mode, and to fulfill and service for the ambition of New Energy Industry.

强大的系统集成能力
Powerful Integration Systems

建设
Construction

环联巨能具备强大的系统集成能力，拥有完备高效的供应链体系和科学规范的工程管理模式，在最大程度保证工程质量的前提下，提升工程管控效率、有效控制建设成本，提高系统效率，为“以科技创新为核心，低成本、高效率、高质量”的全生命周期管理提供优质的项目保障。

We have the capability to powerful system integration. With a complete and efficient supply chain system and scientific and standardized project management mode, to ensure maximum project quality under the premise of improving project management and control efficiency, effective control of construction costs and improve system efficiency, "science and technology innovation as the core, low cost, High-efficiency, high-quality "life-cycle management to assure high-quality project completion.



运维
Operation and Maintenance

环联巨能作为大型发电资产持有商，不遗余力的打造智能化运维体系，以工程质量好、发电效率高的优质电站为基础，充分利用自我研发的智能控制系统和大数据平台，采用专家运维系统，通过“总部监控平台-区域管控平台-单体电站”三级管控，全面实现电站大数据云控管理，对光伏电站运维实行全程、全景分析检测，切实实现远端智能化、数据化、专家化运维，实现电站少人/无人值守。

同时，延伸产业链条，通过电力交易、智能微网、碳资产开发及交易、电站金融产品开发等模式，实现发电资产效益最大化。

As a large-scale power generation asset holder, we spare no effort to create intelligent operation and maintenance system to the project quality, high power generation high-quality power stations based on the full use of self-developed intelligent control system and large data platform, using expert operation and maintenance systems, Through the "headquarters monitoring platform - regional control platform - single power station" third level control, the full realization of power plant data cloud control management, operation and maintenance of photovoltaic power plant to carry out the entire process, panoramic analysis and detection, effectively remote intelligent, data, professional operation and maintenance, possibly with few or even no men on duty.

At the same time, extend the industrial chain, through power transactions, smart micro-network, carbon asset development and trading, power plant financial product development model to achieve the maximum efficiency of power generation assets.



专家运维系统 / 智能控制系统

Professional operation and maintenance / intelligent control system



智能化运维

Intelligent operation and maintenance



创新，我们一直在路上 Innovation, we are pursuing

全生命周期管理 Whole Life Cycle Management

环联巨能实施真实、可靠、高效的全生命周期项目管理，贯穿电站业务始终，以全面的风险控制保障项目的经济性收益和社会性回报，以一流的设计创新保障项目的源头质量和科技支撑服务，以高效的系统集成能力保障项目的过程质量及成本控制，以智能化的运维能力保障项目的发电收益及产业延伸，以低成本的融资能力保障项目的收益及金融产品创新。

环联巨能始终强调，风险控制、设计研究、金融创新在全生命周期项目管理中的重要作用。

We practice true, reliable and efficient life-cycle project management from start to finish. With a comprehensive risk control to protect the project's economic benefits and social returns. With first-class design and innovation to protect the quality of the project's source quality and technology support services. Efficient system integration capabilities to protect the quality of the project process and cost control to intelligent Operation and maintenance capabilities to protect the project's power generation benefits and industrial extension to low-cost financing capacity to protect the project's revenue and financial product innovation.

GME has always stressed the importance of risk control, design research, financial innovation in the life cycle role of project management.

产业链集成 Industry Chain Integration

环联巨能凭借电力及新能源行业的资源整合能力，专注于核心业务同时，注重产业链的创新整合，以崭新模式运维体系的精品电站为载体，依托智能控制及微电网核心技术，环联巨能正在着力打造供电产业链，并将与业务伙伴进军售电领域，在电力市场改革、碳排放交易等方面进行深入合作，实现新能源产业的规模效益。

With the electricity power and renewable energy industry resource integration capabilities, GME focus on core business. Meanwhile, we emphasize on innovation and integration of the industrial chain. With a new mode of operation and maintenance system of quality power plant as the carrier relying on intelligent control and micro-grid core technology. Build power supply chain, and enter the field of electricity sales with business partners in the power market reform, carbon emissions trading and other aspects of in-depth cooperation to achieve the scale of the new energy industry benefits.



智慧能源城市 Intelligent Energy city

环联巨能积极响应国家新型城市建设规划，整合供电全产业链资源，构建以可再生能源为主体的智能化电网，构建低能耗、分享型的智慧交通体系，着力打造集清洁能源、智能控制、互联网+为特点的智慧能源城市体系。

目前环联巨能已为四川省凉山州、江苏省东台市打造智慧能源城市方案，并在四川省凉山州盐源县开展综合能源利用和产业规划。

GME actively respond to the country's new urban construction plan. Consolidate the whole supply chain for the sale of electricity resources. Construction of renewable energy as the main body of the intelligent power grid. To build a low energy consumption, sharing the wisdom of the traffic system. Focus on creating clean energy, intelligent control, Internet + is characterized by the wisdom of energy city system.

Presently, we have orchestrated a smart energy city plan for Liangshan Prefecture in Sichuan Province and Dongtai City in Jiangsu Province, and carried out comprehensive energy utilization and industrial planning in Yanyuan County, Liangshan Prefecture, Sichuan Province.





- A. 四川盐源一期50MWp山地光伏电站
- B. 四川盐源二期50MWp山地光伏电站
- C. 四川盐源三期50MWp山地光伏电站
- D. 四川汉源47.5MWp风电发电场
- E. 安徽淮南一期20MWp渔光互补电站

- A. Sichuan Yanyuan Phase I 50 MWp Hillside photovoltaic power station
- B. Sichuan Yanyuan Phase II 50 MWp Hillside photovoltaic power station
- C. Sichuan Yanyuan Phase III 50 MWp Hillside photovoltaic power station
- D. Sichuan Hanyuan 47.5 MWp wind power farm
- E. Anhui Huainan Phase I 20 MWp fishing-light complementary power station





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