

积极实践节能减排, 探索能效管理技术标准的建立和完善

Practice Energy Conservation, and Explore for
Improving Technical Standards of Energy Efficiency
Management

中节能咨询有限公司
CECEP Consulting Co., Ltd.

第二届中美能效论坛·旧金山

2nd China-US Energy Efficiency Forum · San Francisco



中国节能

CHINA ENERGY CONSERVATION AND
ENVIRONMENTAL PROTECTION GROUP



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中国节能环保集团公司

——节能减排的实践者

CECEP

——Energy Conservation and Emission
Reduction Service Provider

中国节能环保集团公司 CECEP



- 城市节能环保基础设施
Urban infrastructure of EE and environmental protection
- 工业节能减排和资源综合利用
EE and circular economy in industry
- 新能源和清洁技术
New energy technology and clean production technology

中国节能环保领域规模最大、最有特色、最具竞争力的产业投资集团和集成服务运营商

CECEP — the biggest and most competent investment group and integrated solution provider in the field of energy conservation and environmental protection in China

提供能效诊断和技术咨询，并以合同能源管理的方式进行投资和参与建设，帮助实现节能增效。

Provide consulting services on energy efficiency evaluation and promotion, and invest in engineering projects by means of Energy Performance Contracting to save energy and cost.



- 大型余能利用项目：建材、冶金、化工、焦炭等工业企业
Have construct many large-scaled residual heat utilization projects for industries of building materials, metallurgy, chemicals and coke.
- 工业烟气处理领域：引入国际先进脱硫、脱硝等技术和工艺，是中国该领域的主要引领者
Introduce advanced fume treatment technologies of desulfuration and denitration and have become a leading force in the field of China
- 城市公共照明节能服务、大型建筑系统的节能改造。
Provide energy-saving solutions and construction services for public lighting and large-scaled public buildings





中节能咨询有限公司

——能效标准实施的推动者

CECEP Consulting

——A driving force of implementing
energy efficiency standards

中节能咨询有限公司-节能环保领域的综合性咨 询服务机构

Provide comprehensive consulting services on energy conservation and environmental protection by CECEP Consulting, a member of CECEP Group



强大的专家库支持系统 Expert support system

➤拥有近2000位来自行业协会、学会、科研院所、大学、设计单位、企业等方面的专家学者

About 2000 experts from industrial associations, research institutions, universities, design institutions, and enterprises

➤涵盖气候变化、工业节能、建筑节能、环境保护、可再生能源（太阳能、风能、生物质能）等领域

With majors in climate change, industrial energy-saving, architectural energy-saving, environment protection, renewable energy (solar power, wind power and biomass power)

咨询服务 Scope of Services

- 政府部门节能环保政策研究和规划咨询
Conduct researches on policies of energy conservation and environmental protection and develop action plans for government
- 重要国际机构节能环保课题研究
Conduct relevant researches for international institutes such as WB and ADB
- 重大节能环保项目工程咨询等
Provide engineering consulting services for major projects of energy conservation and environmental protection

政府部门节能减排管理工作的技术依托单位 Technical support in energy-saving and emission reduction management for government departments

➤ 组建和运行“企业节能减排监测中心”

Establish and operate Enterprise Energy-saving and Emission Reduction Monitoring Center

➤ 开发并运行了企业节能减排综合管理信息系统

Develop a management information system of enterprise's energy-saving and emission reduction

➤ 正在积极探索建立企业节能环保在线监测系统

An online monitoring system of energy-saving and environment protection is under construction

政府部门节能减排管理工作的技术依托单位 Technical support in energy-saving and emission reduction management for government departments

➤深入分析各类企业节能减排、发展新能源和节能环保新兴产业等方面的情况并提供相应咨询服务

Provide services on saving energy, developing new energy technology, and catching the opportunity of new industries related to energy-saving and environment protection

➤收集、整理并及时更新重点耗能行业主要产品单位能耗国内外先进水平和平均水平等对标资料

Collect and update data for benchmarking analysis of major energy consumption industries, such as advanced and average level of energy consumption per unit of main products



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能效标准领域的研究

CECEP Consulting's

research on energy efficiency standards

能效管理标准咨询

Consulting services on standards of energy efficiency management for government

- 《固定资产投资项目节能评估和审查办法》

Management Measures on Energy-saving Evaluation and Examination of Fixed Assets Investment Project

- 参与了国家“十二五”节能规划和可再生能源规划的编制

Participate in preparation of National Energy-saving Plan and Renewable

Energy Plan for the 12th Five-year

- 《国家重点节能技术推广目录》（第一、二、三批）

Promotion Lists of National Key Energy-saving Technologies (the First, Second and Third Edition)

能效管理技术标准咨询

technical standards and management regulations for energy efficiency management to relevant government departments

- 《中国节能技术政策大纲》（2006年版）的修订
Revise Outline of China's Energy-saving Technology Policy (2006)
- 《中国沼气发电项目建设技术导则》
Technical Guideline for Construction of China Biogas Power Generation
Project of National Energy Administration
- 《热电联产项目可行性研究的技术规定》
Technical Regulation of Feasibility Study on Combined Heat and Power
(CHP) Project
- 《太阳能光伏电站可行性研究报告编制规范》
Regulation of Feasibility Study Report on Solar PV Power Stations

能效对标及节能减排潜力分析

Achievements in benchmarking analysis and potential analysis of industrial energy efficiency

- ▶ 中美能效合作项目《中国建材工业能源效率与节能潜力研究》、《中国工业的能耗水平及与世界先进水平的差距》等专题研究。

China-U.S. cooperation projects on energy efficiency, such as *Research on Energy Efficiency and Energy-saving Potential of China's Building Materials Industry*, and *Research on Energy Efficiency of China's Industrial Sector and Its Difference from the World-class Level*.

- ▶ 国家科技支撑计划项目——工业节能减排潜力评估与技术推广应用决策系统研究

National Key Technology R&D Program commissioned by the Ministry of Science and Technology, *A Research on Evaluating Energy-saving and Emission-reducing Potential of Industrial Sector and Decision-making System of Technology Promotion*

工业能效对标及节能潜力分析

Achievements in benchmarking analysis and potential analysis of industrial energy efficiency

➤在美国能源基金会的资助下，正开展工业领域能效“领跑者”试点研究工作

Conduct study on Pilot Plan of Energy Efficiency Top Runner in Industry, funded by the Energy Foundation

谢谢 Thanks

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