

附件2

## 中国“双十佳”最佳节能技术和实践清单

(工业技术领域)

序号 No.	技术名称 BAT Title
1	节能高效挖掘机势能回收技术 The high-effective energy-conservation recovery technology of the excavator's potential energy
2	基于三相采样与快速响应的电机节能技术 Energy saving technology based on three-phase sampling and fast response
3	人体电压感应节能控制芯片技术 Energy-saving control chip technology on body voltage sensor
4	ORC螺杆膨胀机低品位余热发电技术 Organic rankine cycle (ORC) screw expanding generation system
5	新型稳流保温铝电解槽节能技术 Energy saving technology of new steady flow and heat preservation aluminum reduction cell
6	电子设备液冷导热节能技术 Energy saving technology of liquid cooling and heat conduction in electronic equipment
7	石化企业能源平衡与优化调度技术 Energy balance and scheduling optimization technology for industrial enterprises
8	基于低真空相变原理的工业废水余热回收技术 Waste heat recovery from industrial waste water by low vacuum phase change principle
9	旋浮铜冶炼节能技术 Energy-saving copper rotation-floatation smelting technology

10	模块化梯级回热式清洁燃煤气化技术 Modular cascade regenerative clean combustion coal gasification technology
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# 中国“双十佳”最佳节能技术和实践清单

(工业实践领域)

序号 No.	实践名称 BP Title
1	中国重汽能源管理体系建设实践 Energy management system construction Case
2	阳谷祥光铜业实施能源集中管控节能实践 Energy-saving practical case through centralized management and control by Yanggu Xiangguang Copper
3	沙钢2500kW除尘风机绕组永磁耦合调速技术改造实践 Shagang Group 2500kW dust exhausting fan energy-saving reconstruction project
4	新余钢铁炼钢一次除尘风机永磁涡流柔性传动装置节能改造实践 Energy-saving transformation of permanent magnet eddy current flexible transmission energy-saving device for dust removal fan
5	压缩空气系统节能优化技术的应用实践 Application of energy-saving optimization technology in compressed air system
6	首都机场能源管理体系建设实践 A case of energy management system construction in Beijing Capital Airport
7	互太纺织节能降耗管理实践 Energy-saving transformation of textiles wastewater treatment and recovery of waste heat from waste gas of setting machines
8	胜利油田分公司东三联区域一体化能效提升实践 Shengli Oilfield Branch Dong Sanlian regional integration energy efficiency improvement project
9	燕山石化公司2# S-Zorb装置低温余热发电实践 Low temperature waste heat power generation technology case for 2# S-zorb unit in Yanshan Refinery
10	基于大温差热电联产供热技术应用实践 Large temperature difference cogeneration heating technology

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(建筑技术领域)

序号 No.	技术名称 BAT Title
1	智能热网监控及运行优化技术 Intelligent district heating platform with monitoring and operation optimization technology in heating system
2	温湿度独立调节离心机技术 Key technologies of centrifugal units based on temperature and humidity independent control system
3	预制直埋保温管保温处理工艺技术 Treatment process of the prefabricated directly buried thermal insulating pipes
4	基于新型换热结构的一体式低氮燃烧冷凝技术 Integrated low-nitrogen combustion condensing technology based on new type of heat transfer structure
5	基于全焊接高效换热器的撬装换热站技术 Skid-mounted heat exchange station technology based on all-welded high-efficiency heat exchanger
6	节能型合成树脂幕墙装饰系统技术 Energy-saving synthetic resin curtain wall decoration system technology
7	基于冷却塔群变流量控制的模块化中央空调节能技术 Modular central air-conditioning energy saving technology based on variable flow control of cooling tower group
8	污水源热泵系统流道式换热技术 Flow passage style heat exchange technology for sewage-source heat pump system
9	CO <sub>2</sub> 空气源热泵供暖技术 CO <sub>2</sub> air source heat pump heating technology

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(建筑实践领域)

序号 No.	实践名称 BP Title
1	广州白天鹅宾馆节能改造实践 Case of Guangzhou White Swan Hotel energy saving reconstruction
2	中国建筑科学研究院近零能耗示范建筑实践 China Academy of Building Research nearly zero energy
3	青岛中德生态园被动房技术中心实践 Passive house technology center of Sino-German Ecopark
4	成都大悦城示范实践 Life-cycle management of energy efficiency target---"Joy City" project in Chengdu
5	珠海兴业新能源产业园研发楼超低能耗公共建筑实践 Zhuhai Singyes renewable energy R&D building
6	上海虹桥迎宾馆9号楼近零能耗全过程管理实践 Application case of the whole-process management of near-zero energy of No. 9 building of Shanghai Hongqiao State Guest Hotel
7	中国节能绿色建筑科技馆实践 CECEP-Green Building Museum
8	中科芯(58所)蠡湖园区绿色节能实践 Green energy saving project in CKS LiHU Park
9	山东舜和国际酒店节能精细化管理实践 Energy saving lean management case of Shunhe International Hotel in Shandong
10	国家电力投资集团公司总部大楼智慧能源节能改造实践 Smart energy conservation renovation project in the headquarter building of SPIC