## 1.2项目背景

Project Background

合同能源管理（ENERGY MANAGEMENT CONTRACT ，简称EMC）是节能服务公司通过与客户签订节能服务合同，为客户提供包括：能源审计、项目设计、项目融资、设备采购、工程施工、设备安装调试、人员培训、节能量确认和保证等一整套的节能服务，并从客户进行节能改造后获得的节能效益中收回投资和取得利润的一种商业运作模式。在这个过程中，节能服务公司几乎承担了项目运作中的全部风险。一个EMC项目的失败，不仅仅是关系到企业利益，对社会也是极大的浪费，不仅不能节能减排，反而造成了新的设备污染。

Energy Management Contract (EMC) refers to the business operation based on an energy conservation service contract signed by professional energy conservation service company with its customer. Providing a series of services including energy efficiency audit, energy conservation project designing, project financing, purchase of rough material and facilities, constructing, equipment installation, training, operation maintaining, energy conservation monitoring, etc, the service provider will share with the customer the profit made by the energy conservation after the project is carried out. In this process, energy conservation service company almost bears all the risk involved in operation. If an EMC project fails, it would not only influence the gains of a certain enterprise but also cause a waste of public resources considering its goals remain unachieved and the negative effects brought by new facilities.