



| | | | |
|-------------------------|--|---|----------------------------|
| Address | 211, Munhwa-ro, Naju-si, Jeollanamdo | President and CEO | Mr. Kim, Bum-nyun |
| Website | www.kps.co.kr | Number of Employees | 5990 |
| Person in Charge | Mr. Hong Hyun | Date of Establishment | April 01, 1984 |
| Affiliation | Deputy General Manager, Overseas Nuclear Power Business Department | Nuclear Sales in 2018 (in Million KRW) | 389.3 |
| Office Number | (+82)-2-6105-7332 | Business Field | Management and Maintenance |
| E-mail | hgaji@kps.co.kr | | |

Company Introduction

KEPCO KPS is a public corporation of Korea which provides power plants, renewable stations, industrial facilities, and power transmission structures with a total solution encompassing diagnosis, rehabilitation and O&M services. Founded 35 years ago a maintenance provider that serves domestic power stations, KEPCO KPS has now become an international player after ceaseless investment in technology and human resources. As a major business, the overseas nuclear power business of KEPCO KPS has been increasing through participation in overseas nuclear power plant maintenance projects in Europe and the US since 1993 by dispatching technical personnel to foreign companies including Westinghouse. In 2014, KEPCO KPS has won the order of a fuel loading service of Angra, Brazil, laying the foundation for building its status as an international player in maintenance market of operating nuclear power plants. In addition, it has joined the KEPCO Consortium in 2009 to win the bid to build nuclear power plants in the UAE leading to signing a contract in 2013 for commissioning maintenance projects, and it has formed a consortium with KHNP and entered a Long Term Maintenance Service Agreement(LTMSA) for the nuclear power plants of the UAE in 2019. Based on such accomplishments, KEPCO KPS is diversifying its business bases tailored to meet the needs of countries with a relatively small number of nuclear power plants and those that aim to reach self-sufficiency in maintenance technology.

Major Products and Services

KEPCO KPS provides maintenance services for power facilities.

The services KEPCO KPS provides include routine maintenance, aimed at tackling abnormal conditions of mechanical and electrical components in advance for operating plants, outage services, aimed at enhancing reliability and safety of a plant, and commissioning maintenance, which encompasses all of maintenance activities performed during the construction phase of a new plant such as fuel receipt, initial fuel loading and preventive maintenance of mechanical and electrical components. In addition, KEPCO KPS is operating Nuclear Maintenance Engineering Center(NMEC) to enhance technical independence and competitiveness and Maintenance Support Centers to provide technical support in major areas such as fuel loading to nuclear power plants in Korea and abroad. KEPCO KPS is actively engaging in forward-looking activities to acquire all necessary technologies including rehabilitation and replacement of aging facilities, reactor internals inspection and decommissioning in order to contribute to reliable operation of nuclear power industry in the country.

Major Business Records, Partners and Markets

The overseas business of KEPCO KPS, which had been limited to dispatching technical personnel to foreign companies such as Westinghouse and Rolls Royce, started to expand in 2004 when it performed Reactor Vessel Head Penetration inspection project in Tomari Nuclear Power Plant, Japan and made a leap forward in 2014 by winning competition against world's renowned companies to perform the Refueling Project of Angra Unit1, Brazil in 2014. Recent focus of overseas business is in the areas of nuclear fuel loading, in-service inspection, and others to customers in other countries(such as brazil) considering factors such as reactor types, capabilities for supplying O&M services, and etc. Since 2009, when KEPCO Consortium was awarded the contract to build BNPP in UAE, KEPCO KPS has been a significant part of the BNPP project by providing training to UAE maintenance staff in 2011 and entering commissioning maintenance projects and PSI in 2013 and 2016 respectively, all of which are currently being implemented stably. Importantly, in June 2019, KEPCO KPS has won and is now implementing LTMSA for UAE nuclear power plants as a member of Team Korea(KEPCO KPS-KHNP).

Qualification, Certificates, Patents and Awards

As the first priority of research and development for realizing the vision of global power plant solution provider, KEPCO KPS is focusing on precision diagnosis, performance enhancement, life analysis, facility modification, and decontamination/decommissioning of nuclear power plants among others. In addition, KEPCO KPS is sharpening its technical edge to compete on the international stage by accumulating knowledge assets, exploring R&D results, publishing research outcomes through internal/external seminars, conferences, and exhibitions as well as applying for international patents. Currently, it holds 984 domestic patents and 21 international patents including Remote Inspection Apparatus For Heating Tube Of Steam Generator. As a result of such efforts, KEPCO KPS won gold medal in the 45th International Exhibition of Inventions of Geneva for inventions of Steam Generator KPS Tubesheet Inspection System(KTIS) and KPS Acoustic Resonance Inspection System(KARIS). Other accomplishments include ISO9001/14001:2015 certification for its environmental management system, which is being continuously maintained and improved after an evaluation in August 2018.

