International Industries Ltd.

Promising Reliability, For Now and Tomorrow

SDG 7: CLEAN AND AFFORDABLE ENERGY FOR ALL

GROUP COMPANIES

International Industries Limited

International Steels Limited

Pakistan Cables

International Industries Limited (IIL) is Pakistan's largest manufacturer of steel, stainless steel and polymer pipes with an annual manufacturing capacity of 750,000 tons and annual revenues of almost PKR 25 billion.

IIL was incorporated in Pakistan in 1948, is quoted on the Pakistan Stock Exchange and has an equity of over PKR 8.8 billion and has featured on the listing of Pakistan's Top 25 Companies consecutively for more than 11 years

MANUFACTURING CAPACITY
750,000

ANNUAL REVENUE
25 BILLION
PAKISTANI RUPEES

IIL is a part of a group of Companies that includes:

International Steels Limited (ISL): Pakistan's largest manufacturer of galvanized, cold rolled and color coated steel sheets and coils. ISL has an annual manufacturing capacity of over 1 million tons and annual revenues of over PKR 47 billion.

Pakistan Cables Limited (PCL): Pakistan's premium manufacturer of electrical cables, wires, copper rod, PVC compound and aluminum sections with annual revenues in excess of PKR 10 billion.

IIL Australia Pty Limited: IIL's wholly owned Australian subsidiary which represents the Group's interest in the Asia Pacific region

This factsheet covers the group companies IIL and ISL.

MANAGEMENT APPROACH

The group has installed a natural Gas Power plant with capacity of 31MW of energy by Co-generation resulting in self-sufficiency and reduction in dependence on grid. Further the group is assisting in the reduction of energy crisis in Pakistan by selling surplus power to the national grid and ensuring optimum energy consumption by constant generation.

The group's current electricity consumption is 10 million kWh per month. The group fulfills its electricity demand mainly by its own Co-generation plant operated by Natural Gas. The group has installed waste heat recovery boilers to feed the steam to 1.2 MW steam turbine and to the process plant, which has led to the annual approximate reduction of 6 million cubic meter of natural gas from SSGC. Further, through its 1200 USRT hot water absorption chiller, the group is saving approximately 4 million KWh in electricity use. Aside from the obvious business benefits of increasing energy efficiency, the group understands that sustainable and environmentally friendly business operations have an increasingly critical role to play in terms of the greater good.

31MW CO GENERATION PLANT

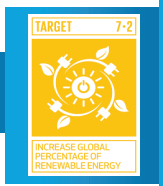
6 MILLION CUBIC METER GAS REDUCTION

SAVING 4KWh ELECTRICITY

Energy conservation in the steel industry is crucial to ensure the competitiveness of the industry and to minimize environmental impacts, such as greenhouse gas emissions. The Board of Directors and Senior Management are cognizant of the importance of clean & affordable energy and a blanket approach is in place to ensure a greater focus in this regard. The next steps for the group would be to focus on the development of a strategic policy for energy on the adoption of further new approaches to increase energy efficiency to reduce environmental impact as well as cost. Once developed, the strategy will aim to cover end to end operations as well as the wider community.

The group is continually monitoring and recording the electricity generated, consumed and export through the installation of online energy meters, gas analyzers and recorders. We also control misuse and shut down the auxiliary load when plant is not in operation through automation. The group reports to the Ministry of Environment under the SMART tool, and through its annual and sustainability reports.

COMMITMENT TO SDG 7



INCREASE GLOBAL PERCENTAGE OF RENEWABLE ENERGY

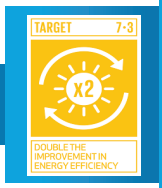
SDG TARGET 7.2

Businesses can contribute to this target by investing in and promoting initiatives on renewable energy and integrating this into business strategy. This can be done by setting targets to increase own share of renewable energy consumption and, if applicable, production throughout operations.

The group is committed to increasing its use of renewable energy in the next 5 years. To that end, the group has engaged reputable renewable energy firms to conduct surveys for two of its production facilities. Although IIL is currently not generating electricity from renewable energy sources. IIL's factory sheds in Sheikhupura were designed to withstand the weight of solar panels, in preparation of IIL's increased focus on renewables.

DOUBLE THE IMPROVEMENT IN ENERGY EFFICIENCY

SDG TARGET 7.3



1 *Reducing energy consumption in own operations, including through using heating and cooling technology, efficient lighting, efficient electrical appliances and fuel-efficient vehicles or by choosing or building energy-efficient buildings and obtaining a sustainability certification for buildings.*

The Group has a continuous focus on increasing energy efficiency and has implemented the following:

- Utilising waste heat recovery technology from the gas engines to operate hot water absorption chiller and boiler systems and a steam turbine engine to generate more electricity.
- Eliminated the need for the previously used gas fired burner by using the steam produced during waste heat recovery for use in our galvanizing process,
- Replacing old technology with more energy efficient technology. IIL is replacing 400 WATT SON high pressure sodium bulbs with 160W LED bulbs which has helped save energy with increased illumination
- Retrofitting the roofs of production facility with skylights to enhance day light passive lighting through skylights to increase natural lighting and reduce energy usage
- Using SMART technologies such as enhanced automation to control the misuse of auxiliary load and reduce energy consumption
- Replacing old gas engines with latest efficient design resulting in energy savings of 14%.
- Reducing the unloaded hour of screw compressor by 15%.

2 *Creating new business models to deliver energy efficiency technologies including reducing the energy requirements of their products and services, or providing products and services that help their customers to improve energy efficiency or reduce energy requirements*

IIL's Hollow Structural Sections (HSS) reduce construction project time frames by up to 70%. This significantly reduces the dependency on onsite energy during construction projects and reduces energy wastage caused by the production of concrete and steel re-bar, the production of which is particularly energy inefficient in Pakistan.