

Name:

Timo Partanen

Job title:

District Manager at Fortum Power and Heat Ltd.

Career:

I have a background in mechanical engineering from vocational school and technician training.

Responsibilities:

Human resources, safety and business economics. I have to also solve some technical issues and problems to secure the working conditions and to make sure the production can operate properly. I am cooperating with other people to solve some economic problems as well. I am responsible for approving invoices and orders. Organising and delegating tasks requires the ability to find the right persons to specific roles. Developing new to respond to challenges and process technical problems.

Essential skills in my Job:

- Social skills and communication
- Cooperation with different teams, teamwork
- Human resource management skills
- Language skills (English is the language of the group)
- Problem-solving

What I need to know in my job:

- Economic and technical knowledge
- Safety regulations

Fortum Power and Heat Ltd.

The power plant of Fortum Joensuu is located in Kontiosuo, Joensuu and it started its generation in 1986. In Fortum Joensuu, there are 70 members of staff, from which 4 are women. It is for example, machine-, electric- and automation engineers working at the plant. All are trained also at the plant.

The power plant generates electricity approximately 260 gigawatt-hours and 530 gigawatt-hours of district heating. The main fuels are peat and wood, from which wood is used over 70%. In addition, landfill gas is piped from the nearby dump to the power plant.

Beside the power plant has been under construct a bio-oil plant since 2012 and it is supposed to be ready to use in the autumn 2015. The plant is in industrial scale the first one in whole world and its operation is based on fast pyrolysis technique. In the future the plant will produce approximately 50000 tons of bio-oil annually. Bio-oil is strived to be used instead of liquid fossil fuels and thereby to hold back climate change and pollution.



District Manager Timo Partanen, Fortum Power and Heat Ltd.

My educational background is in mechanical engineering. My basic training entails vocational school and technician training. My work concentrates on human resources, safety and business economics. Solving technical issues and problems is an integral part of my work. This means securing the working conditions and making sure the organisation can operate as well as possible. My typical day at work starts by checking the systems to make sure production has been functioning properly and that there is no problems. After that I solve different technical and economic problems with various people. In the afternoon, I approve some bills and orders through our administrative system. I'm attempting daily to take part in the processing. The majority of my work day is, however, office work.

In my work, social skills and communication are important to cooperate with different teams. In addition, human resource management skills are required. Economics and technical matters have to be mastered. The language of our concern is English, hence it is vital for officials to be able to work in English.

In our meetings, we may have participants from all over the world, so English is the language to be used. Since we are a power plant, you have to be familiar with the technical process. Additionally, you have to know safety regulations and be able to take financial aspects into account. Overall, as a manager, you have to be able to organise and delegate to find right persons to right roles.

It is interesting to create something new and to invest to potential matters. Energy industry is a constantly evolving field, and during the last ten years major steps towards bioenergy have been taken. Developing new, challenges and process technical problems are interesting, although they may occasionally be demanding. On the other hand, thinking and solving problems is what makes my job sensible.

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