

Question	Response
<p>Digitalizing and visualizing the management of production and energy</p>	<p>Digitalizing and visualizing the management of production and energy</p> <ul style="list-style-type: none"> <li>· Digitalizing and visualizing the management of production and energy</li> <li>· To look for good vendors</li> <li>· Monitoring and analysis of data</li> <li>· Not pursuing it actively</li> <li>· Studying on application of digitization for increased productivity and reduced opex</li> <li>· We are on the path for sure with same goals but with different vendors</li> <li>· This is very important in providing real time remedy and allocate limited resources to tackle problem. It will be useful know the existing technology so that we can assess the crucial factors for a meaningful energy visualisation and asse to identify improvement opportunities.</li> <li>· Improve our solution</li> <li>· To look for a good EMIS</li> <li>· Should implement gradually</li> <li>· This will be future game changer.</li> <li>· Usage of both in-house and partnering</li> <li>· Good or essential to have depend on scale of industry</li> <li>· Yes, we are looking for simple &amp; cheap solution</li> <li>· Good or essential to have depend on scale of industry</li> <li>· Study feasibility to integrate to existing system</li> </ul>

- looking into suitable energy monitoring management system
- Good or essential to have depend on scale of industry
- Very important for the future and C-Suite agenda
- Not yet decided
- Not pursuing this actively but we are using PIMS
- Need to find a roadmap of 'bite size' chunks
- Our energy controlling department is working on it, which I am not too sure
- Under study and consideration
- Yes, we are already in the process of digitalizing our operations and keep doing.
- Consider to approach at convenience time.

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- Pinch technology
- Explore uses of waste heat
- Lower investment cost
- Looking into it but it have good ROI
- Way to go for future with some adaptations
- Should accelerate
- This is best solution.
- To explore & interesting
- Yes
- To explore & interesting
- Scope for potential application for the plant .
- To explore & interesting
- Very important for cost reduction and energy efficiency
- Not yet decided
- Possible interest in waste heat recovery but actual implementation depends on scale of change and reliability
- We may explore the possibility to work with them to further fine tune our processs
- We will engage vendors to conduct a feasibility study
- In progress.
- Engage service provider(s) for a site study to indentify potential energy saving opportunities.
- Yes we will explore case by case basis.
- Not sure.

Others (e.g. Steam System Optimization)	<ul style="list-style-type: none"><li>· Yes</li><li>· Should implement and improve</li><li>· QPinch</li><li>· To consider if easy to implement &amp; effective</li><li>· To consider if easy to implement &amp; effective</li><li>· To consider if easy to implement &amp; effective</li><li>· Currently Steam grid optimization in progress through APC projects</li><li>· We may explore the possibility to work with them to further fine tune our processs</li><li>· Under study.</li><li>· Steam optimization cold eyes assessment</li><li>· Yes, case by case basis.</li><li>· Q Pinch is approached.</li></ul>