

Communication Media

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Lecture 6



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Communication Over the Media

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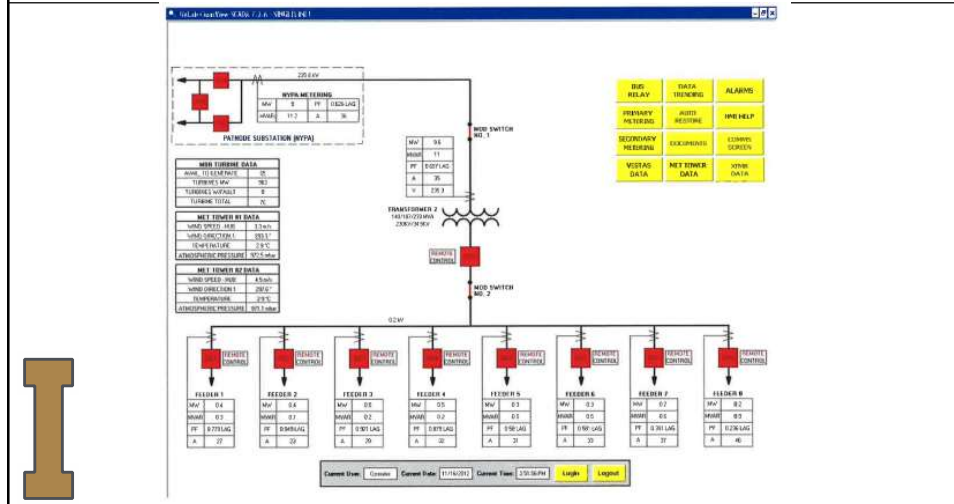
Communication Protocols



Substation Panels

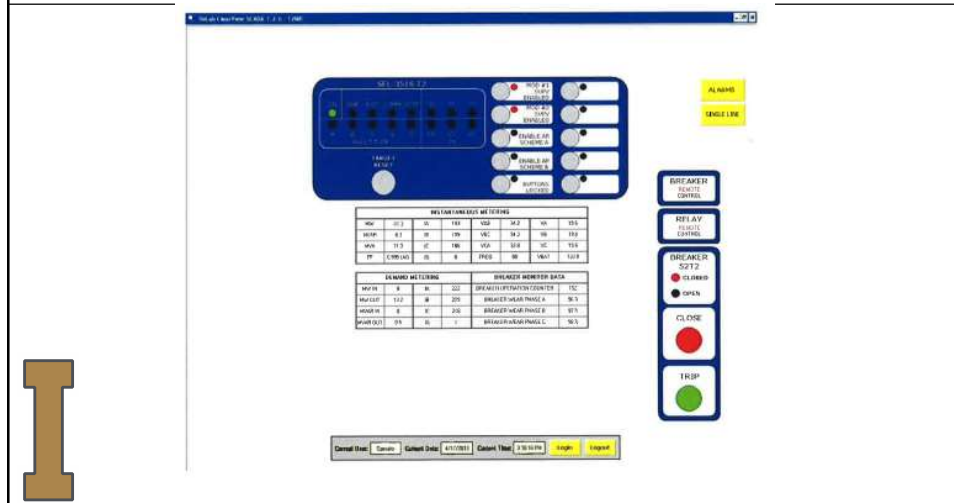


Substation Level HMI



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Device Level HMI



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Annunciator: Older Type of Display

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Annunciator: HMI Screen

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Oscillography (Chart Recorder)

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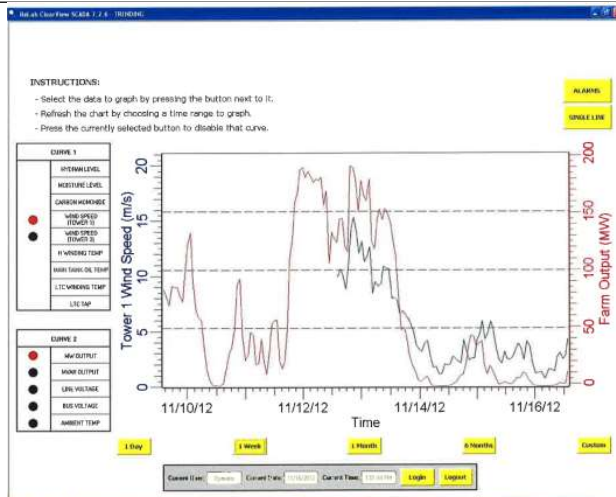
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Oscillography (Trending Screen)

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Control Room (Older Style)

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Control Room (Modern)

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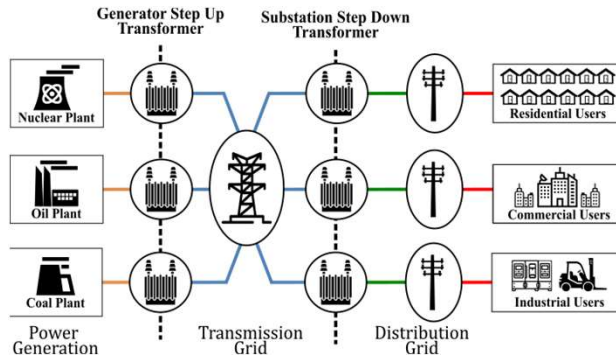
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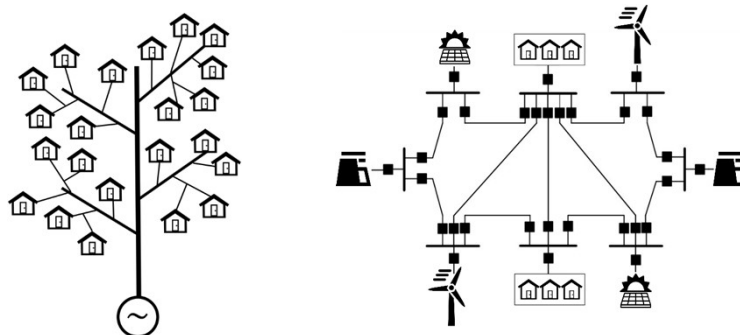
Basic Layout of power system *Lecture 6*



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Distribution: radial and meshed

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What is the objective of the power System?

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Performance Expectations

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Emerging Architecture

