Transmission – Transporting Energy by Wire

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Electrical energy ____________________________ be stored in large amounts.

Major sources of electric generation are:

• ________________________________
• ________________________________
• ________________________________
• ________________________________

Electrical load ____________________________ during the day by hour, and also seasonally as well. Therefore, in real time ____________________________ sources of generation are blended into the grid to service the load.

___________________________ are set up to help schedule generation most economically.

Electricity follows the path of ____________________________. This makes it difficult to route along a specific path and can result in transmission limitations.

Electricity transmission capacity and efficiency ____________________________ with higher operative voltage. Electricity is most useful for the consumer at a _____________ voltage. Bulk electric transmission uses as ____________________________ of a voltage as possible. ____________________________ allows easy conversion of voltage with transformers.

Transmission operators must respect the ____________________________ standards. Loss of any single network transmission facility should not result in loss of customer load.

Notes:

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