Reducing Predictive Risk in Repowering Energy Assessments through Standardized Operational Data Inputs

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Introduction

Factors affecting wind farm performance can be oversimplified in operational datasets. Clarifying and filtering individual losses is expected to result in increased accuracy and reduce risk in energy predictions.

Approach

- 1. Diversify select loss buckets using IEC 61400-15-2 draft format
- 2. Reduce "other" assignments
- 3. Characterize risk

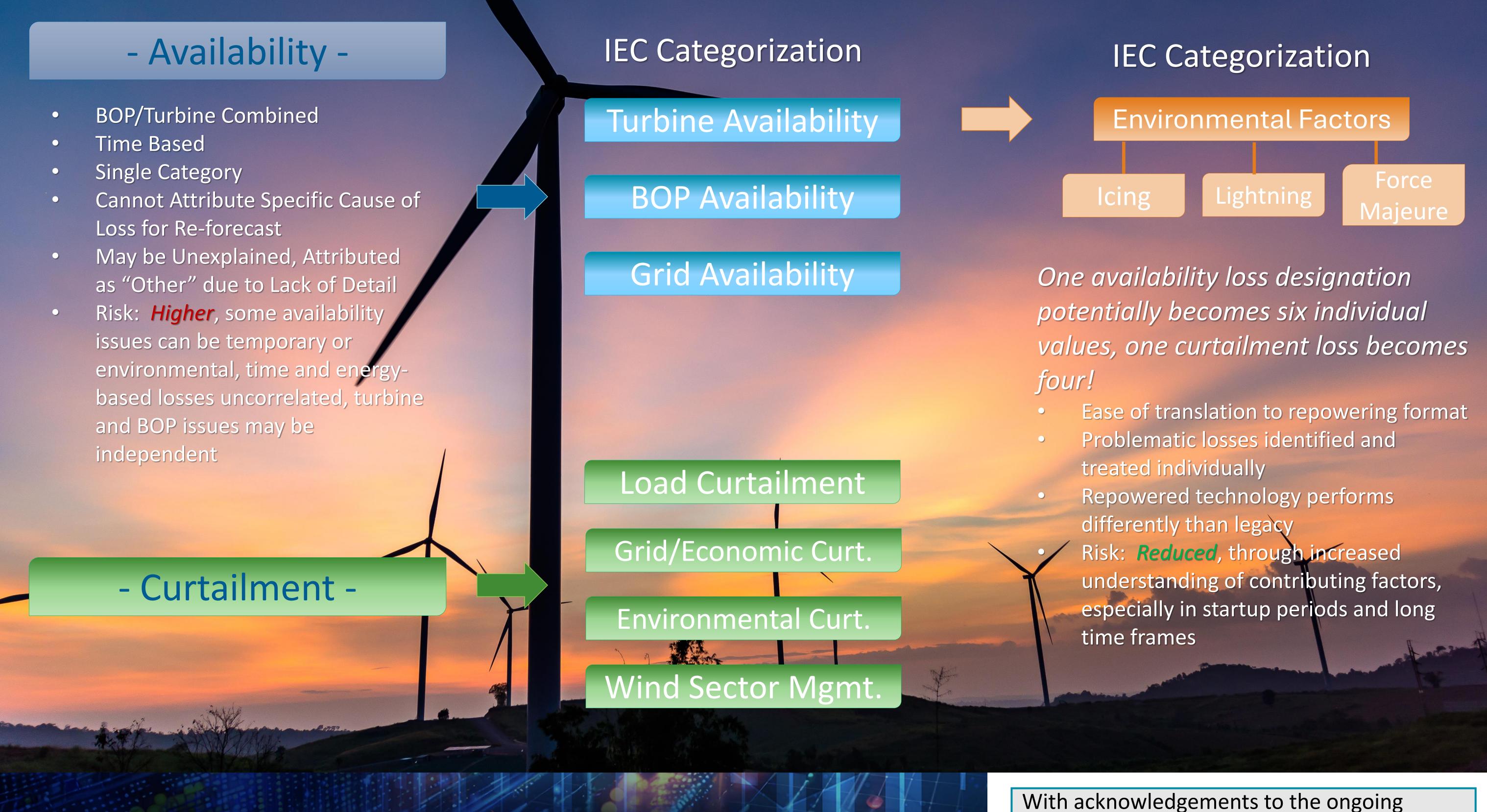
Discussion

 Miscategorized losses may result in conservative base production estimates

RESOURCE

- Unattributed losses increase predictive risk
- Work closely with operators to understand nature of losses





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efforts of the IEC 61400-15-2 Standards
Committee.

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