

# Commercial Application of Al-Ce Alloy

*Next Generation Alloy Development*



Critical Materials Institute  
AN ENERGY INNOVATION HUB



- Al-Ce alloy selected for its strength, economy, corrosion resistance and ability to be cast in high-aspect ratio geometries.
- **Ability to use alloy in as-cast state prevented the need for costly heat-treatments** and resulting geometric distortion.
- Eck produced heat-treat free alloys in the form of casting **for use in distributed hydroelectric power units.**

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