

2025 CU Boulder Hydropower Collegiate Competition Team Hydropower in the Community



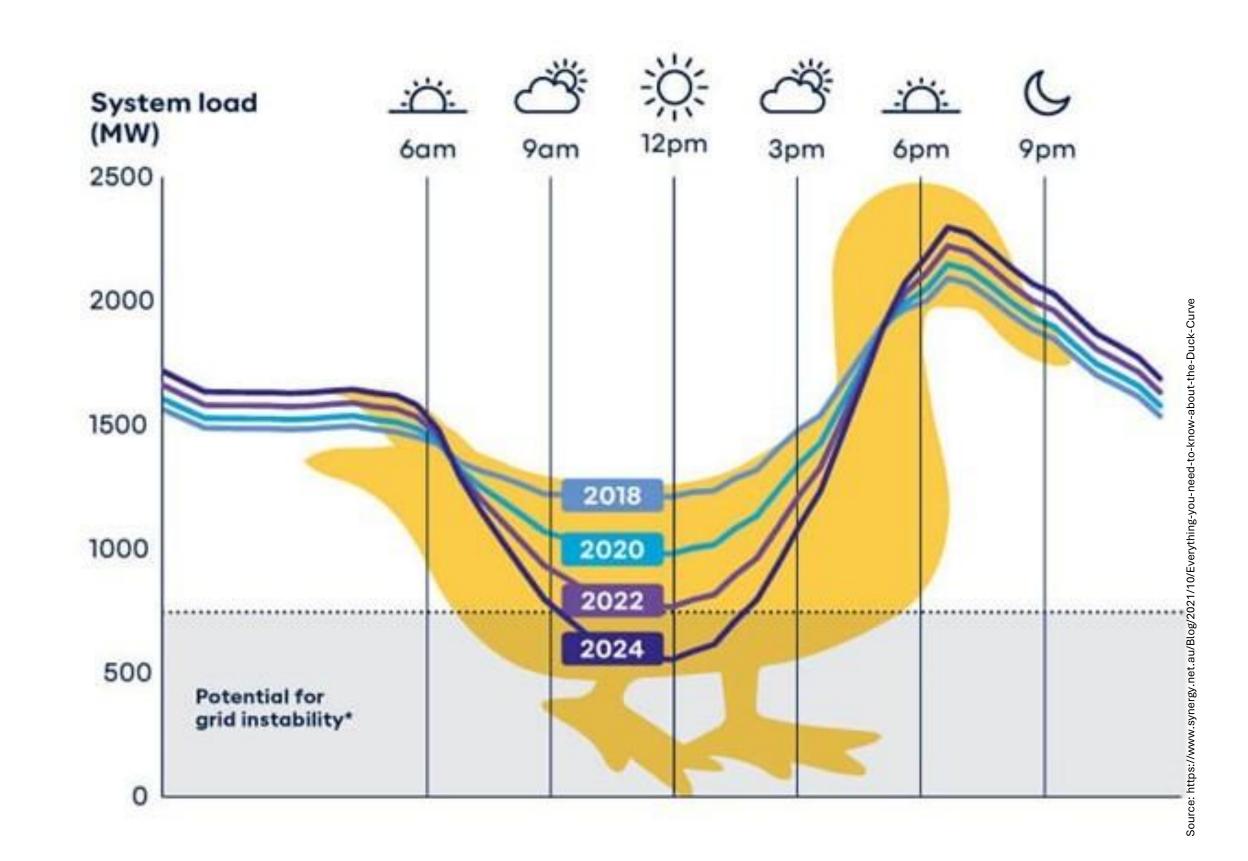
Alexandra "Sascha" Fowler | Sára Leschová | Patrick Liu | Charlie Loewenguth | Landon Nattrass | Jack Printup | Miles Salzer | Maximilian Schmid | Luke Shaw | Pisay Suzuki | Tristan Wrable

Competition Overview

The 2025 Collegiate Hydropower Competition is hosted by the National Renewable Energy Laboratory (NREL) and Department of Energy (DOE). Twelve teams compete across 5 challenges: **siting**, **design**, **community connections**, **cybersecurity**, and **build**. The competition aims to increase hydropower knowledge and activism for a new generation of engineers.

Introduction to Hydropower

CLOSED-LOOP PUMPED-STORAGE HYDROPOWER Projects that are not continuously connected to a naturally flowing water feature Upper Reservoir Penstock/Tunnel Powerhouse Generator/Motor Turbine/Pump Not to scale

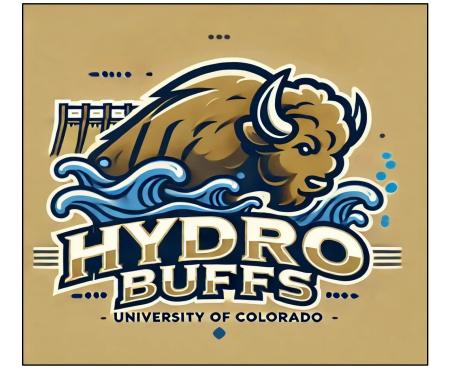


Hydro Buffs Club





Social Media





CU Boulder Student Hydropower Energy Team



@cuhydrobuffs

	Instagram	LinkedIn
Total # of Posts	16	18
Followers	37	44
Average Interactions	60	220
Overall Impressions	2,411	5,792

Interviews













Community Outreach

Jan. 13	Hydrobuffs Club Created

CU Involvement Fair



Jan. 22

Mar. 19		Energy Frontiers Career Fair
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May 1 Site Tour to Cabin Creek PSH





Triple E Fair



Energy Frontiers Career Fair



Hydropower Trivia Night