



2022 STEM-PULL UPDATE

Customer Engagement Division

Board of Public Utilities
August 8, 2022

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BACKGROUND

1. Initiated 2017 in collaboration with Gordon Bourns, the STEM PULL program has been in place since 2018 when the first students participated
2. The program was hosted during the pandemic in a virtual format
3. This year marked the return to in-person STEM PULL and attracted highest number of in-person participants to date



DISCUSSION

1. 2022 STEM PULL program focused on themes of:
 1. Electrification,
 2. Sustainability and
 3. Resilience in the Utility Industry

2. Content was taught via a range of approaches including:
 1. Workshops,
 2. Panel discussions,
 3. Facilities tours and
 4. Engineering lessons



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DISCUSSION

STEM-PULL week culminates with a design challenge in which students form teams to work on a design concept that incorporates the skills developed over the course of the week.



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DISCUSSION

This year's RPU judges were:

1. Board of Public Utilities Member Gil Ocegüera
2. Utilities Principal Programs and Services Rep. Ken Bridges
3. Utilities Senior Programs and Services Rep. Sandra Mejia
4. Utilities Information Assistant Victoria Gracia



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DISCUSSION

First place: Team Lightning



Eduardo Salazar - Lake Elsinore USD
 Ian Zhang - Riverside USD
 Jose Gerrard Flores - Riverside USD
 Sofia Blesa - Riverside USD
 Liam Woodrome - Temecula Valley USD
 Steven Pena - Riverside USD



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DISCUSSION

Second place: Rise of Wormy



Alec Alarcon - Riverside USD
 Alana Dominguez Johnson - Riverside USD
 Ally Negulesco - Western Center Academy
 Liam McAlary - Riverside USD
 Sienna Ferreira - Alvord USD



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DISCUSSION

Third place: Team Three



Joanne Quan -Lake Elsinore USD
 Carmen Magallon - Woodcrest Christian HS
 Benjamin Solis - Riverside USD
 Jasmine Yang - Riverside USD
 Alexandria Anderson - Chino Valley USD
 Avianna Hughes - Murrieta Valley USD



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STRATEGIC PLAN ALIGNMENT



Strategic Priority 5 - High Performing Government

Goal 5.3 - Enhance communication and collaboration with community members to improve transparency, build public trust, and encourage shared decision-making.

Cross-Cutting Threads



Community Trust



Fiscal Responsibility



Sustainability & Resiliency



Equity



Innovation



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RECOMMENDATION

That the Board of Public Utilities receive an update on the 2022 STEM PULL educational program.



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