

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 Oceguera
- 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.

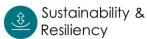
Cross-Cutting Threads



Community Trust



Fiscal Responsibility







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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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