



# GUAM POWER AUTHORITY

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FOR IMMEDIATE RELEASE

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## GUAM POWER AUTHORITY (GPA) ENERGY SENSE EDUCATION OUTREACH SUPPORTS TEACHING CURRICULUM WITH DONATION

### *BENAVENTE MIDDLE SCHOOL (BMS) TEACHERS RECEIVE 3 STEM TEACHING KITS*

On Friday, October 21, 2021, GPA engineers donated **3 STEM** (science, technology, engineering and math) teacher kits to Benavente Middle School (BMS) teachers in support of STEM education and the BMS-GPA partnership to develop a Green Energy curriculum and activities for their middle school students.

“For the students, these science-based resources highlight and promote that science, technology, engineering and math learning is fun and applicable,” said John J. Cruz, Jr., P.E., GPA Assistant General Manager of Engineering & Technical Services.

“Furthermore, these are relevant, hands-on learning resources to help educate students on renewable energy and energy efficiency technology, and can connect to class activities with field trips to GPA’s wind turbine generator and solar photovoltaic power plants,” added Cruz.

Additional, specific learning outcomes for students could also include:

- Determining what and how responsible choices and energy use impact the size of a customer’s power bill. Students learn that they can contribute to helping control and manage home energy consumption and power bill expenses.
- Discovering and exploring the strengths and weaknesses of specific renewable energy or energy efficiency technology as well as the conventional technologies that they compete with.
- Fact-checking to understand and explain the impacts of introducing and promoting new technologies without proper planning, preparation, or recognition of potential issues.
- Applying critical and analytical thinking to understand tradeoffs that need to be considered when trying to solve real world problems including arriving at answers shaped by the constraints surrounding the problem and even that sometimes there are incomplete solutions.
- Learning that many skill sets are necessary to solve the most interesting real-world problems and striving to acquire those skill sets for themselves.

“We applaud the teachers. This is a triple win partnership when Guam’s electric power utility and educators join together and achieve successful student learning results. Activities call for students working with parents on how to save money using no-cost energy tips and how GPA paying cash rebates can help them save on energy efficient appliance purchases and reduce the family home power bill,” stated GPA General Manager, John M. Benavente, P.E.

GPA's contribution to teachers and schools aligns with GPA's overall transition to cleaner energy for Guam and is funded through GPA's Energy Sense Program, as part of the utility's Energy Sense Demand-Side Management (DSM) Plan approved by the Consolidated Commission on Utilities (CCU) and the Guam Public Utilities Commission (GPUC).



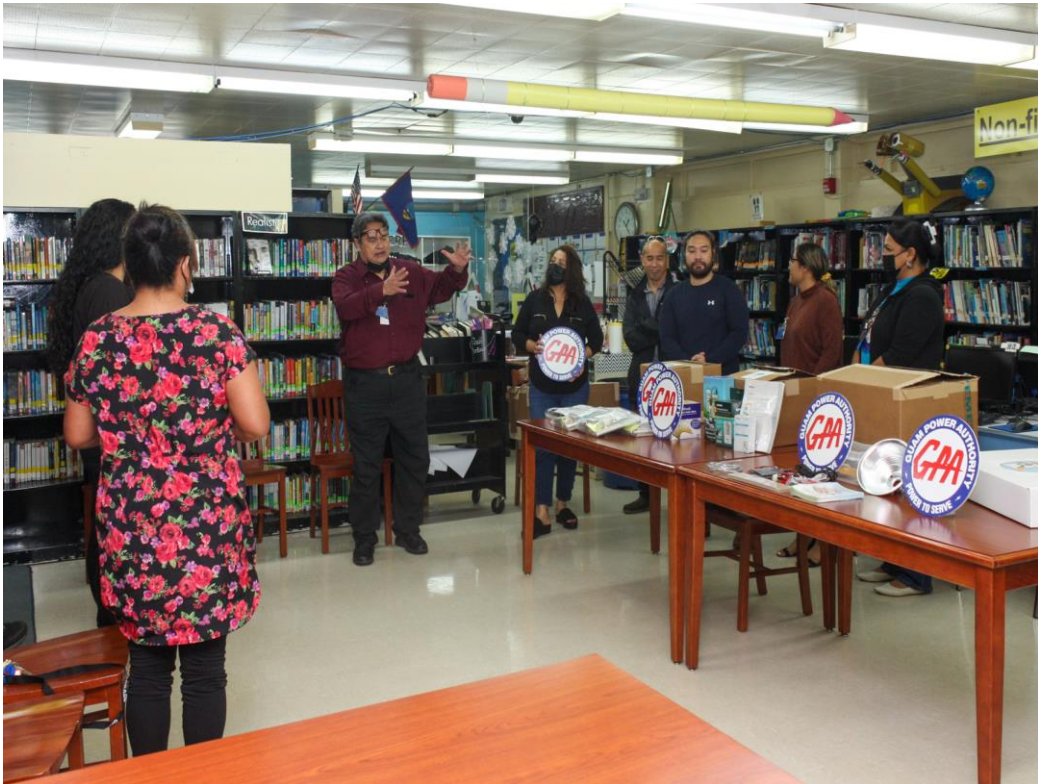
BMS Students, Faculty & Staff and GPA Employees during the Energy Sense Outreach Visit.

Back Row, Left to Right: Student King Elbo; Student Ranzsieber Viola; Victor Torres, GPA Engineer; Francis Iriarte, GPA Engineer; Maricris Brochon, BMS Robotics Coach; John Cruz Jr., P.E., GPA Assistant General Manager of Engineering & Technical Services; Joyce Sayama, GPA Communications Manager; Alicia Whitaker, BMS School Librarian; Maria Milan, BMS Assistant Principal; Jodi Sablan, BMS Acting Principal; Ana Halvardsson, GPA Comms; Joleen Cruz, GPA Comms

Front Row, Left to Right: Student Austin Borja, Student Vince Marasigan, Student Jolie Halmi, Student Aoki Mobil, Student Bridgette Brel, Student Ana Marie San Nicolas



BMS Students: Aoki Mobel, Jolie Halmi, Vince Marasigan, King Elbo, Austin Borja



GPA Assistant Manager of Engineering & Technical Services, Mr. John Cruz Jr., P.E. briefing Benavente Middle School students, faculty and staff on the STEM KITS.



Energy Audit Kit presented to Benavente Middle School

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