



Tribal Energy Program – Technical Assistance

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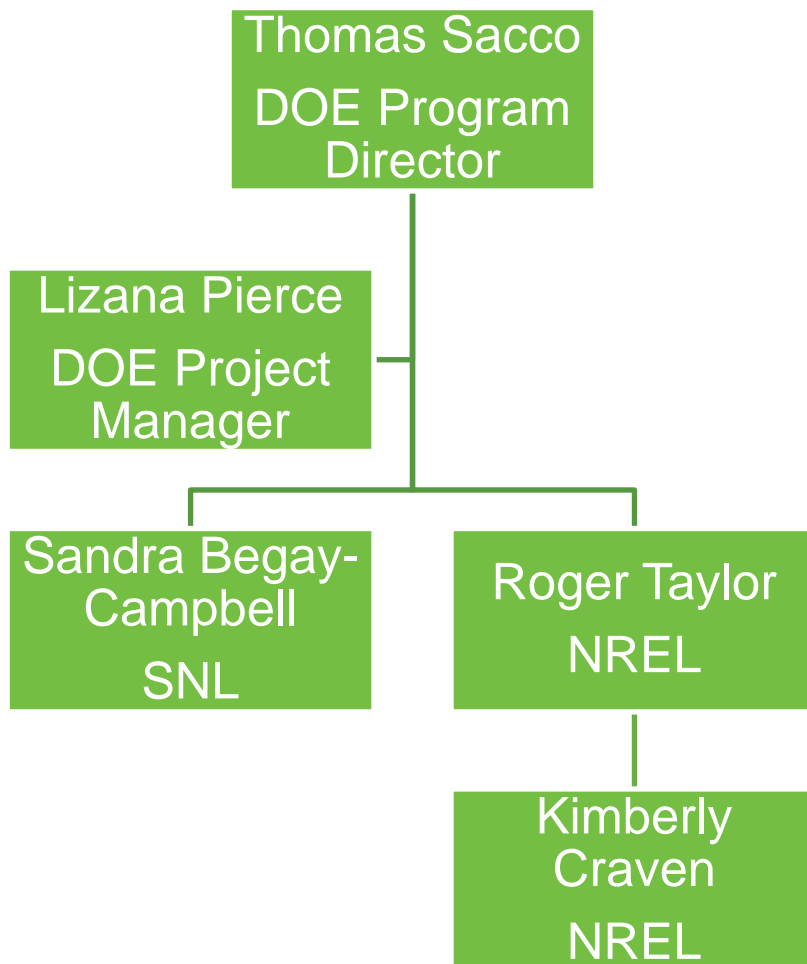
Sandra Begay-Campbell



- Navajo engineer
- Principal Member of the Technical Staff
- Education advocate



DOE TEP Organization



- Support Tribal Energy Program Activities
- Support Tribal technical assistance requests
- Manage the Student Internship Program



New Mexico Site - Albuquerque, New Mexico



Helping our nation secure a peaceful and free world through technology.



**Sandia
National
Laboratories**

Navajo Nation Residential PV Navajo Tribal Utility Authority

..1993.....1999-2001.....2002-2003.....2003-2004.....

240-260 Watt



Business potential realized

640 Watt



Standardization achieved

Phase I 880 Watt Hybrid



Battery bank powered by hybrid design

Phase II 880 Watt Hybrid



Economic Development: Units assembled on Navajo Nation



**Pictured: Prestene Garnenez,
Sandra Begay-Campbell & Gepetta Billie**

Gepetta Billie (Navajo)

MS – Regional & Community Planning;
BA – Environmental Planning & Design,
University of New Mexico,
AS – Civil Engineering Technology, SIPI

Prestene Garnenez (Navajo)

MA – Urban Planning, University of California
– Los Angeles;
BS – Biology, New Mexico State University

“I think what I learned that is important in all the tribes we visited, is the importance of ‘ownership’ of the project. If you’re investing part of what you have - your time, money, energy, pride - into these projects, [then] the projects can be successful, long-lived and sustainable.”