



# MESALANDS COMMUNITY COLLEGE

## WIND ENERGY TRAINING PROGRAM



# NORTH AMERICAN WIND RESEARCH AND TRAINING CENTER (NAWRTC)



- Artist concept in 2007
- 2008 up and running
- Developers could not find enough GE 1.5MW turbines to complete projects at this time.
- Tucumcari, NM accomplished the impossible

# WIND TECH TRAINING

SAFETY

CLIMB & TOWER SAFETY/RESCUE

INTRO TO WIND

SITTING

TYPES OF TURBINES

ELECTRICAL THEORY

MECHANICAL

HYDRAULIC

SUPERVISORY CONTROL AND DATA  
ACQUISITION (SCADA)



# GRADUATES 2016-17

- OCCUPATIONAL CERTIFICATE **14**
- 1 YEAR OCCUPATIONAL CERTIFICATION **6**
- AAS degree **10**
- Climb safety certifications for Granite New Hire Training **312** to date with six more classes over the summer of approx. 120 additional students for a total of **432**



# EMPLOYERS ASKING FOR OUR GRADUATES

GRANITE SERVICES

A SERVICE AND PROJECT ARM OF  
GE RENEWABLES

NEXTERA ENERGY

WANZEK CONSTRUCTION & SERVICES

VESTAS WIND TURBINES

DIAMOND ENERGY

DUKE ENERGY

MORTENSON CONST.

HOUSE WIND FARM

*AVG STARTING PAY \$22.00/HR*

*\$90-145/DAY PER DIEM*



# GROWTH OF WIND POWER IN NEW MEXICO

IN 2013 NEW MEXICO HAD  
778 MW OF INSTALLED WIND  
POWER

IN 2016 WE HAD OVER  
1000MW OF WIND POWER

IN PROGRESS FOR 2017  
ANOTHER 1000MW OF WIND  
POWER

IN 2017 WE WILL MORE  
THAN DOUBLE OUR  
PRODUCTION OF WIND  
POWER



# THIS FALL'S ENROLLMENT

TO BE ANNOUNCED

20 prospective students have applied



# STUDENT SUCCESS

Jesus Rascon : floyd, NM

GRAINITE NEW HIRE

1YR CERTIFICATION GRADUATE

GE TRAINED AS A COMMISSIONER



# FUTURE OF WIND

- POLICY (PTC)
- TRANSMISSION
- TRAINED WORKFORCE
- TAX BASE
- NATURAL RESOURCES
  - GOOD WIND
  - NO WATER USED IN WIND POWER PRODUCTION
  - EMBEDED ENERGY
  - CLEAN ENERGY



Charles Shinholzer of Santa Fe NM, Mesalands Graduate now working for Granite Services



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