

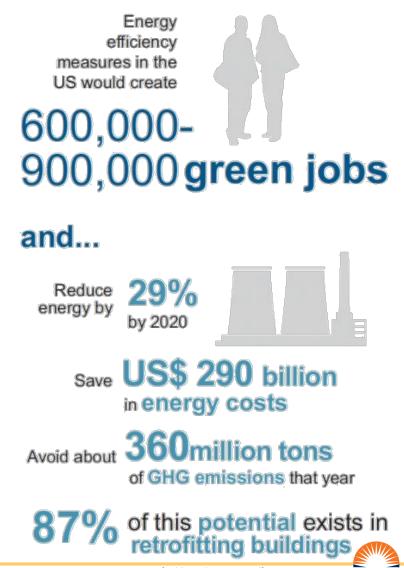


## UTSA SmartLiving Campus A Real-Time Approach to America's Future



#### **Commercial Energy Efficiency**

Energy efficiency and conservation are two costeffective, yet often overlooked, methods for tackling demand side management



Source: A Profitable and Resource Efficient Future: Catalysing Retrofit Finance and Investing in Commercial Real Estate, World Economic Forum, October 2011.

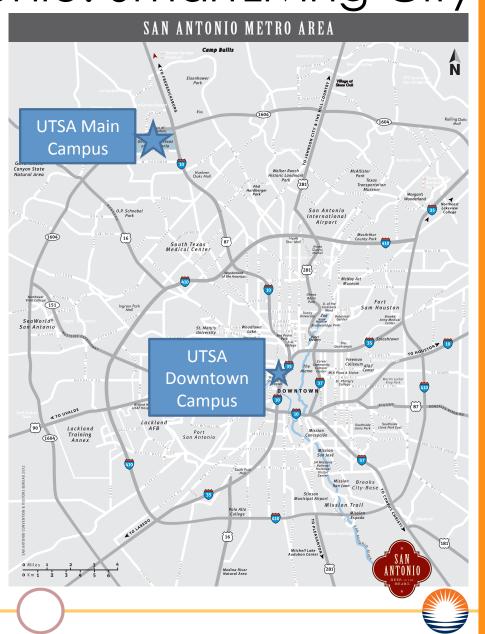
## San Antonio: SmartLiving City

#### San Antonio

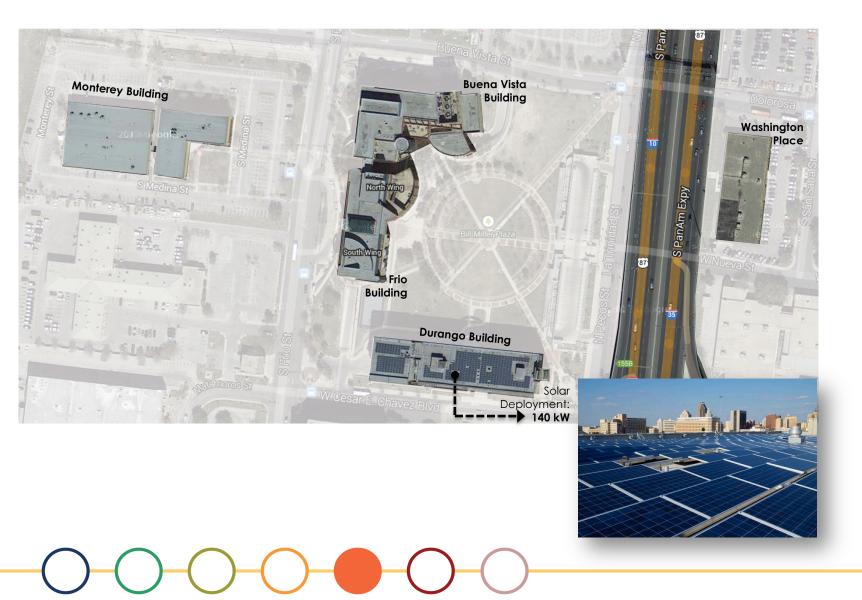
- 1.33 Million People
- 440,000 Single Family Homes
- Fastest growing city of the top 10 largest cities in the U.S. in the last decade

#### UTSA

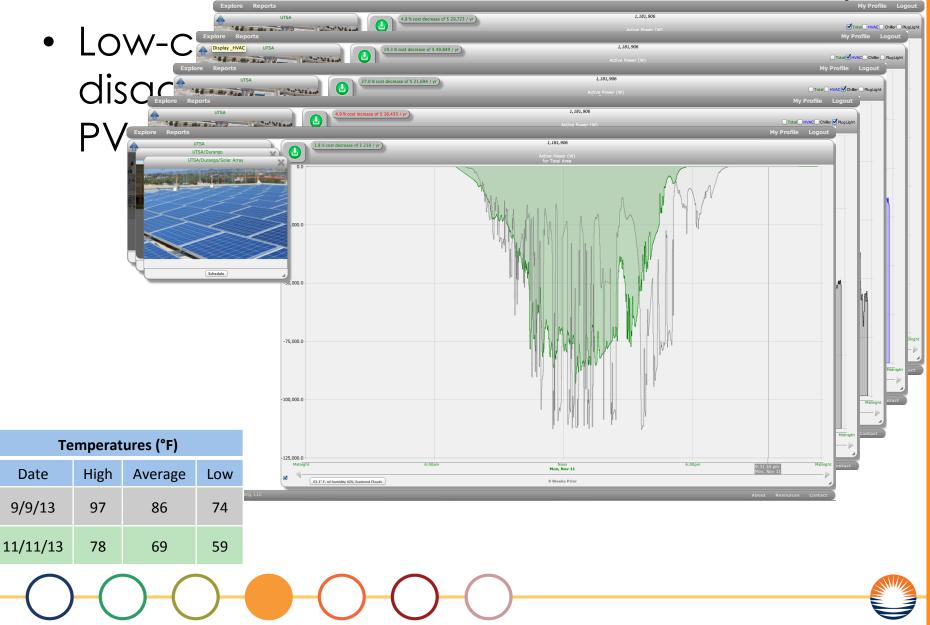
- 30,000 students
- About 5 million sf of building space
- 15+ MW demand/day



## UTSA Downtown Campus



## UTSA Downtown Campus



# Washington Place



- Built in 1976
- Brick veneer
- 25,200 SF building
- 36 kW demand /day



### **Future Potential**



#### Thank You



# Thank you!

#### Martha Wright

Research Analyst Texas Sustainable Energy Research Institute The University of Texas at San Antonio Martha.Wright@utsa.edu



# Growth in San Antonio

#### Population Change for the Ten Most Populous and Ten Fastest-Growing Incorporated Places: 2000 to 2010

(For information on confidentiality protection, nonsampling error, and definitions, see www.census.gov/prod/cen2010/doc/pl94-171.pdf)

Place	Population		Change	
	2000	2010	Number	Percent
MOST POPULOUS				
New York city, NY	8,008,278	8,175,133	166,855	2.1
Los Angeles city, CA	3,694,820	3,792,621	97,801	2.6
Chicago city, IL	2,896,016	2,695,598	-200,418	-6.9
Houston city, TX	1,953,631	2,099,451	145,820	7.5
Philadelphia city, PA	1,517,550	1,526,006	8,456	0.6
Phoenix city, AZ	1,321,045	1,445,632	124,587	9.4
San Antonio city, TX	1,144,646	1,327,407	182,761	16.0
San Diego city, CA	1,223,400	1,307,402	84,002	6.9
Dallas city, TX	1,188,580	1,197,816	9,236	0.8
San Jose city, CA	894,943	945,942	50,999	5.7



### Analytics from Data Informatics

