

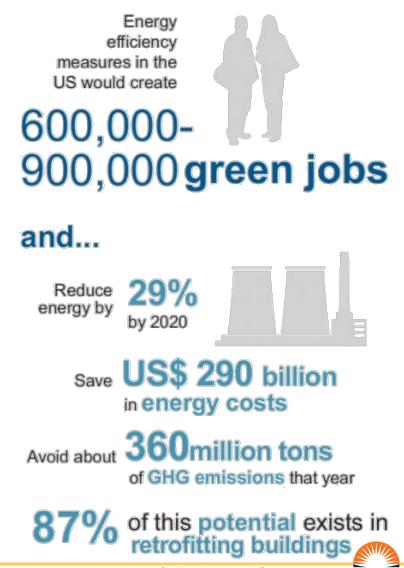


UTSA SmartLiving Campus A Real-Time Approach to America's Future



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.

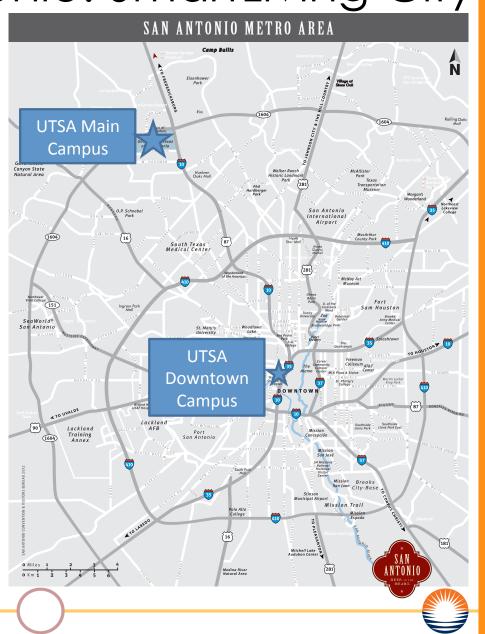
San Antonio: SmartLiving City

San Antonio

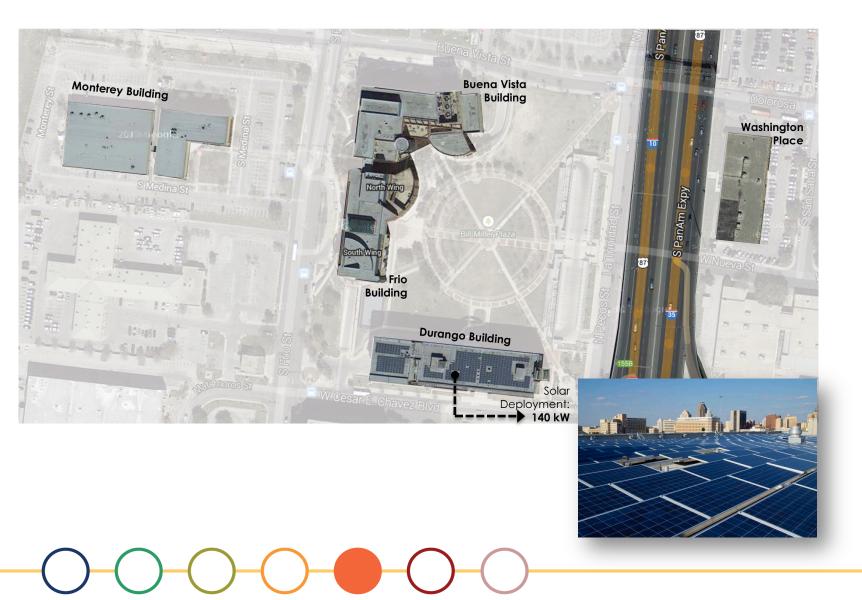
- 1.33 Million People
- 440,000 Single Family Homes
- Fastest growing city of the top 10 largest cities in the U.S. in the last decade

UTSA

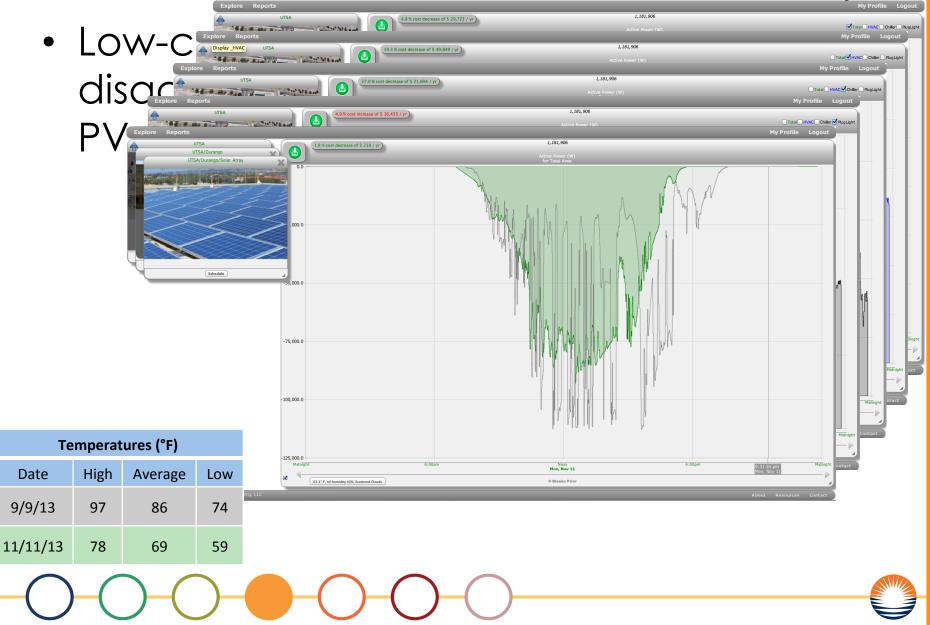
- 30,000 students
- About 5 million sf of building space
- 15+ MW demand/day



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!

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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

