# History of Energy Performance Contracting in VA

<table>
<thead>
<tr>
<th>Year</th>
<th>Events</th>
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| 1990’s-early 2000’s | - VA ESPCs and UESCs awarded by local VA contracting office or Army Corp of Engineers contracting authority  
- Lack of centralized documentation and oversight  
- Fewer protections for VA facilities |
| 2003 | - OAEM established as centralized program & policy office for all energy conservation activities  
- VA leadership placed a moratorium on new ESPCs until program office could be established  
- No ESPCs awarded from October 2003 until April 2012 |
| 2008 | - Centralized ESPC and UESC program created within EMP to leverage specialized alternative financing and procurement knowledge  
- EMP is the program office and PCAC is the contracting center of excellence for all ESPCs and UESCs across VA |
| 2016 | - U.S. Supreme Court ruling on Kingdomware resulted in updates to VA procurement policies  
- VA created the first set-aside ESPC for SDVOSBs |
| 2018 | - First SDVOSB set-aside ESPC awarded in White River Junction, VT |
| 2020 | - Anticipate release of IDIQ for SDVOSB set-aside ESPCs. |
# VA ACHIEVEMENTS

## FY 2019 Data *(Preliminary/not yet approved by DOE)*

<table>
<thead>
<tr>
<th>VA Mission Increase</th>
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<tbody>
<tr>
<td>Number of Employees vs. 2008</td>
<td>+ 52%</td>
</tr>
<tr>
<td>Patient Load (Visits Per Day) vs. 2008</td>
<td>+ 41%</td>
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<table>
<thead>
<tr>
<th>Energy and Water Performance</th>
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<tbody>
<tr>
<td>Energy Intensity (MBtu/GSF) vs. 2003 baseline</td>
<td>- 28.5%</td>
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<tr>
<td>Potable Water (Gal/Sq.Ft) vs. 2007 baseline</td>
<td>- 34.5%</td>
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<tr>
<td>Renewable Electricity Used as % of Total Electricity Consumption</td>
<td>10.5%</td>
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*Predecisional -- Draft*
$868 million Awarded

$334 million in development

$1.1 billion expected avoided costs from awarded projects

$1.0 billion potential avoided costs from projects in development

80 medical centers
69 M sq. ft. upgrades
$51 M annual expected avoided costs

AWARDED

35 medical centers
~ 32 M sq. ft. upgrades
~ $44 M annual potential avoided costs

IN DEVELOPMENT
BY THE NUMBERS

Award Value by Contract Type

- $176 million (ESPC)
- $693 million (UESC)

Number of Awarded Contracts

- 15 ESPC
- 19 UESC

VA Medical Centers with ESPCs/UESCs

- Awarded (80)
- Developing (15)
- Future Potential (22)
VISN 7 ESPC HIGHLIGHTS

• 10 medical centers across 3 states developed in 1 phase
  • Atlanta, Augusta Uptown, Augusta Downtown, Birmingham, Charleston, Columbia, Dublin, Montgomery, Tuscaloosa, Tuskegee
  • All in design/construction

• $105.9 million of facility upgrades including:
  • PV installation
  • Boiler plant improvements
  • Chiller upgrades
  • Transformer upgrades

Ralph H. Johnson VA Medical Center, Charleston, SC
Central Alabama VA Healthcare System, Tuskegee, AL
Atlanta VA Medical Center, Atlanta, GA
VISN 21 UESC HIGHLIGHTS

• 7 medical centers across No. California developed in 5 phases
  • Fresno, Martinez, Mather, McClellan, Menlo Park, Livermore, San Fran
  • 6 facilities in design/construction, 1 facility nearing award

• Appx $38 million of facility upgrades including:
  • Boiler replacements and retrofits to meet CA air quality regs
  • Increasing PV capacity
  • Chiller replacements
  • HVAC work
  • Steam trap replacement

San Francisco VA Medical Center  Menlo Park Division – VA Palo Alto Health Care System  Livermore Division – VA Palo Alto Health Care System
THANK YOU

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