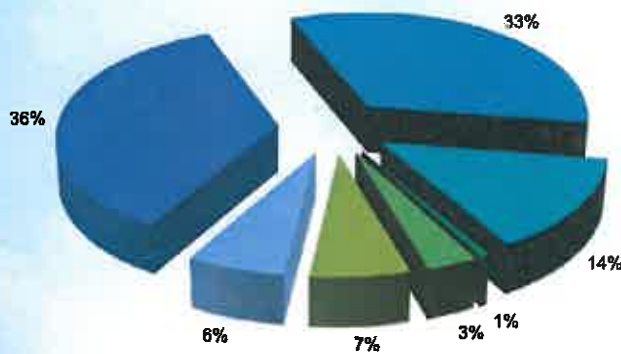




Energy Savings Breakdown

Percent Savings By ECM



- Airport (01) Lighting - Interior and Exterior
- Airport (02) HVAC - Air System Upgrades - Chilled Water
- Airport (03) HVAC - Chilled Water Upgrades
- Airport (04) HVAC - A/C Air-cooled Equipment
- Airport (05) Transformer replacement
- Airport (06) Solar Photo Voltaic
- Airport (10) HNL - Ewa Chiller Plant Upgrade





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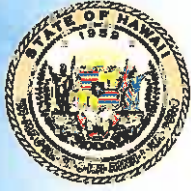


LED Lighting Savings and Beautification



Decorative Tin/Glazing at Passenger Gates





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Central Concourse LED Lighting



Creating more consistent,
comfortable, well-lit areas





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Economic and Environmental Impact



406 jobs created by the project in the local community



Equivalent to emissions offset by **1,153,530** trees planted in an urban area and allowed to grow for ten years



\$670 Million in economic development



Project will reduce emissions equivalent to **8,239** passenger vehicles over its lifespan



\$518 Million in electricity and water savings over the life of the project



Equivalent to the electricity used by **7,478** homes for one year



37,576 metric tons of CO2 saved annually



Equivalent to **91,035** barrels of oil per year





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Energy Conservation Measures

Lighting:
75,000 Fixtures
\$ 56.2 Million Cost
\$ 161.3 Million Guaranteed Savings



Transformers:
Replace 372 (3kVA to 500 kVA)
\$ 8.4 Million Cost
\$ 15.3 Million Guaranteed Savings

A/C Air Systems
Equipment Replacement, Variable
Frequency Drives, Controls
\$ 35.1 Million Cost
\$ 155.9 Million Guaranteed Savings



Solar Photo Voltaic Systems
\$ 25.2 Million Cost
\$ 29.4 Million Guaranteed Savings

Chilled Water Upgrades
Chillers and Valve Replacement,
Optimization, Controls
\$ 7.2 Million Cost
\$ 63.6 Million Guaranteed Savings



Honolulu International Airport - EWA
Chiller Plant Replacement &
Distribution Piping Upgrade
\$ 17.7 Million Cost
\$ 29.6 Million Guaranteed Savings

Operations and Maintenance \$ 62.9 Million

Total Contract Guarantee: \$ 518 Million

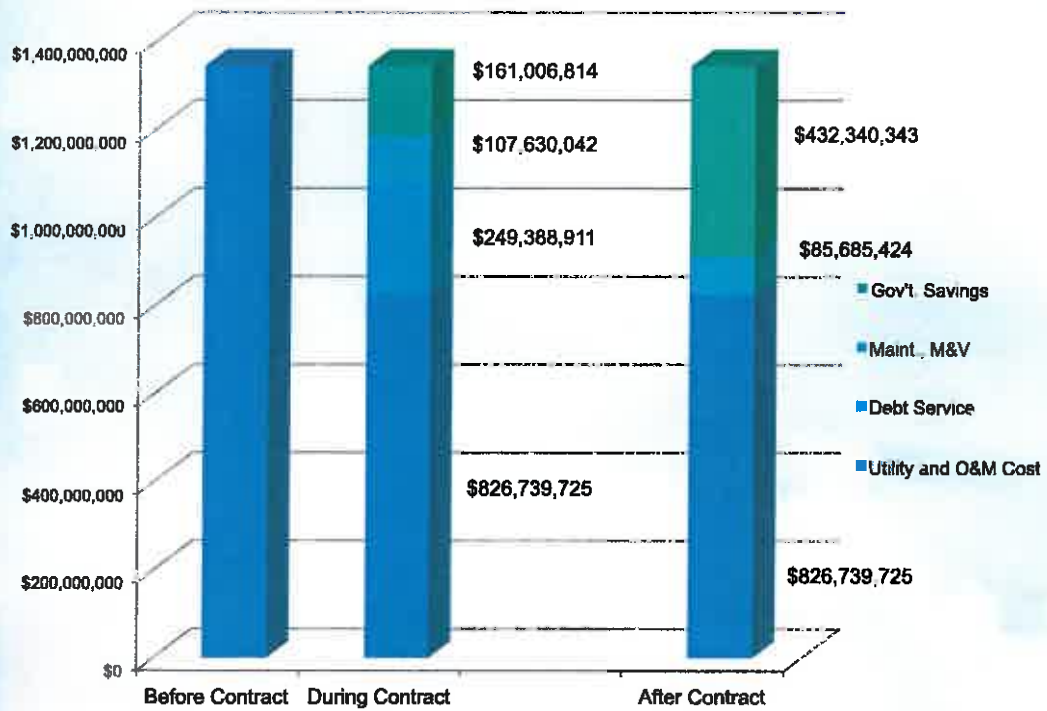




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Savings Potential





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Energy Conservation Measures Matrix

ECM No	ECM Description	Site	Oahu			Hawaii			Kauai		Maui		
			HNL - Honolulu International Airport	JRF - Kalaheles Airport	HDH - Dillingham Airfield	KOA - Kona International Airport	MUE - Waimea-Kohala Airport	ITO - Ilio International Airport	LIH - Lihue Airport	OGG - Kahului Airport	JHM - Kapalua Airport	SMK - Hana Airport	MCK - Molokai Airport
1	Lighting - Interior and Exterior		X	X	X	X	X	X	X	X	X	X	X
2	HVAC - Air System Upgrades - Chilled Water		X			X		X	X	X			
3	HVAC - Chilled Water Upgrades		X			X		X	X				
4	HVAC - A/C Air-cooled Equipment		X	X	X	X	X	X	X	X	X	X	X
5	Transformer replacement		X	X	X	X		X	X				X
6	Solar Photo Voltaic		X					X	X				
7	Equipment Replacement		X			X		X	X	X			
10	HNL - Ewa Chiller Plant Upgrade		X										
12	HNL - Ewa CHW Piping Upgrades		X										



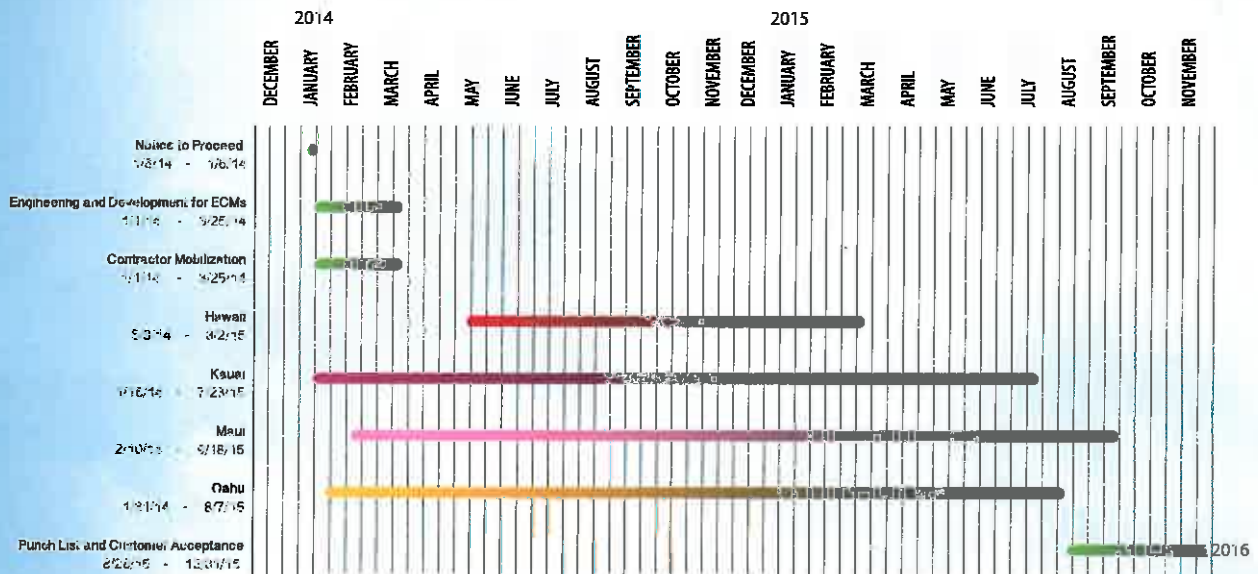


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Construction Schedule

"Two Years in the Making"



NOTICE TO PROCEED 1/6/14	MOBILIZATION 3 Months	CONSTRUCTION 24 Months	PROJECT ACCEPTANCE 1/5/2016
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