




STATE OF HAWAII
DEPARTMENT OF EDUCATION
P.O. BOX 2360
HONOLULU, HAWAII 96804

OFFICE OF THE SUPERINTENDENT

February 16, 2016

TO: The Honorable Grant Chun
Chairperson, Finance and Infrastructure Committee

FROM:  Kathryn S. Matayoshi
Superintendent

SUBJECT: **Update on the Department of Education's Heat Abatement Program: Progress since January 19, 2016, update of filings with the Public Utilities Commission, and update on Executive Branch's plan to use Green Energy Marketing Securitization ("GEMS") to cool 1,000 classrooms by the end of 2016**

1. DESCRIPTION

Office of School Facilities and Support Services (OSFSS) provides a spreadsheet outlining our efforts being deployed regarding the heat abatement program. This spreadsheet is updated weekly and is available to the public via the Department of Education Heat Abatement webpage.

2. UPDATE OR PRESENTATION

OSFSS provides a brief on the development of the heat abatement program, update of filings with the Public Utilities Commission, and an update on the Executive Branch's Plan to use Green Energy Marketing Securitization ("GEMS") to cool 1,000 classrooms by the end of 2016.

KSM:lm
Attachment

c: Office of School Facilities and Support Services

Update 2/1/2016

School Name	Complex Area	No. of Classrooms	Total Classrooms with A/C	% Classrooms with A/C	IMMEDIATE RESPONSE		HEAT ABATEMENT MEASURES					Additional Comments	
					Classrooms with Portable A/C Installed	Est Completion Date	Replace Air Conditioning	Electrical Upgrades	Ceiling Fan Projects (Portables Completed)	White Roofs & Insulation	Roof Cooling System (Portables Completed)		Night Flushing
KEALAKEHE ELEM	KEALAKEHE COMPLEX	56	5	9%				\$ 862,500.00		\$ 100,000.00			
KEALAKEHE HIGH	KEALAKEHE COMPLEX	80	6	8%									
KEALAKEHE INTER	KEALAKEHE COMPLEX	57	11	19%				\$ 1,380,000.00		\$ 120,000.00			
KEAUKAHA ELEM	HILO COMPLEX	27	26	96%				\$ 400,000.00		\$ 50,000.00			
KEKAHA ELEM	WAIMEA COMPLEX	22	1	5%	4	Oct-15							
KEKAULIKE HIGH	KEKAULIKE COMPLEX	75	2	3%						\$ 340,000.00			
KEOLU ELEM	KAILUA COMPLEX	12	0	0%				\$ 465,000.00					
KEONEPOKO ELEM	PAHOA COMPLEX	44	3	7%									
KEONEULA ELEMENTARY	CAMPBELL COMPLEX	47	47	100%									
KIHEI ELEM	MAUI COMPLEX	50	50	100%									
KILAUEA ELEM	KAPAA COMPLEX	27	0	0%				\$ 450,000.00					
KILOHANA ELEM	MOLOKAI COMPLEX	8	1	13%									
KING INTER	CASTLE COMPLEX	54	10	19%									
KIPAPA ELEM	MILILANI COMPLEX	46	4	9%							8		
KOHALA ELEM	KOHALA COMPLEX	18	1	6%				\$ 1,400,000.00		\$ 40,000.00			
KOHALA HIGH	KOHALA COMPLEX	31	3	10%						\$ 250,000.00			
KOHALA MIDDLE	KOHALA COMPLEX	18	1	6%						\$ 200,000.00			
KOKO HEAD ELEM	KAISER COMPLEX	22	0	0%							4		
KOLOA ELEM	KAUAI COMPLEX	25	2	8%				\$ 750,000.00					
KONAWAENA ELEM	KONAWAENA COMPLEX	37	37	100%									
KONAWAENA HIGH	KONAWAENA COMPLEX	70	2	3%									
KONAWAENA MIDDLE	KONAWAENA COMPLEX	38	0	0%									
KUALAPUU ELEM	CHARTER												
KUHIO ELEM	KAIMUKI COMPLEX	25	2	8%				\$ 465,000.00					
KULA ELEM	KEKAULIKE COMPLEX	29	0	0%						\$ 80,000.00			
LAHAINA INTER	LAHAINALUNA COMPLEX	38	6	16%	4					\$ 300,000.00			
LAHAINALUNA HIGH	LAHAINALUNA COMPLEX	56	25	45%						\$ 360,000.00			
LAIE ELEM	KAHUKU COMPLEX	48	5	10%							10		
LANAI HIGH & ELEM	LANAI COMPLEX	53	6	11%						\$ 280,000.00			
LANAKILA ELEM	MCKINLEY COMPLEX	30	8	27%				\$25,000.00	\$ 539,000.00				
LANIKAI ELEM	CHARTER	21	21	100%					\$ 465,000.00				
LEHUA ELEM	PEARL CITY COMPLEX	30	17	57%				\$ 310,000.00					
LEIHOKU ELEM	WAIANA COMPLEX	46	0	0%							13		
LEILEHUA HIGH	LEILEHUA COMPLEX	100	21	21%						\$ 318,000.00	6		
LIHIKAI ELEM	MAUI COMPLEX	57	5	9%	4	Oct-15	\$ 180,000.00	\$ 1,064,000.00		\$ 50,000.00			
LIHOLIHO ELEM	KALANI COMPLEX	28	5	18%				\$ 465,000.00					
LIKELIKE ELEM	MCKINLEY COMPLEX	30	8	27%				\$ 50,000.00	\$ 465,000.00				
LINAPUNI ELEM	FARRINGTON COMPLEX	19	9	47%					\$ 465,000.00				
LINCOLN ELEM	ROOSEVELT COMPLEX	35	11	31%					\$ 195,000.00	\$ 260,000.00			
LINEKONA ELEM													
LOKELANI INTER	MAUI COMPLEX	44	44	100%				\$ 1,350,000.00					
LUNALILO ELEM	KAIMUKI COMPLEX	33	0	0%									
MAEMAE ELEM	ROOSEVELT COMPLEX	36	4	11%				\$ 400,000.00					
MAILI ELEM	WAIANA COMPLEX	50	50	100%									
MAKAHA ELEM	WAIANA COMPLEX	44	2	5%							12		
MAKAKILO ELEM	KAPOLEI COMPLEX	31	8	26%									
MAKALAPA ELEM	RADFORD COMPLEX	43	13	30%				\$ 465,000.00			1		
MAKAWAO ELEM	KEKAULIKE COMPLEX	43	2	5%				\$ 450,000.00					
MANANA ELEM	PEARL CITY COMPLEX	26	12	46%				\$ 400,000.00					
MANOA ELEM	ROOSEVELT COMPLEX	35	0	0%									
MAUI HIGH	MAUI COMPLEX	102	26	25%	1	Oct-15	\$ 580,000.00						
MAUI-WAENA INTER	MAUI COMPLEX	69	20	29%			\$ 240,000.00	\$ 1,350,000.00					
MAUKA LANI ELEM	KAPOLEI COMPLEX	38	6	16%				\$ 501,000.00	11		16		
MAUNALOA ELEM	MOLOKAI COMPLEX	8	2	25%				\$ 400,000.00		\$ 29,000.00			
MAUNAWILI ELEM	KAILUA COMPLEX	30	3	10%				\$ 465,000.00					
MCKINLEY HIGH	MCKINLEY COMPLEX	101	59	58%									
MILILANI HIGH	MILILANI COMPLEX	137	62	45%				\$ 1,145,000.00	10	\$ 325,000.00	8		
MILILANI IKE	MILILANI COMPLEX	46	46	100%									
MILILANI MAUKA ELEM	MILILANI COMPLEX	52	52	100%			\$ 50,000.00						
MILILANI MIDDLE	MILILANI COMPLEX	74	74	100%			\$ 240,000.00						
MILILANI UKA ELEM	MILILANI COMPLEX	53	23	43%				\$ 1,000,000.00		\$ 90,000.00			
MILILANI WAENA ELEM	MILILANI COMPLEX	44	20	45%						\$ 54,000.00			
MOANALUA ELEM	MOANALUA COMPLEX	36	19	53%									
MOANALUA HIGH	MOANALUA COMPLEX	92	23	25%				\$ 1,516,000.00		\$ 294,000.00			
MOANALUA MIDDLE	MOANALUA COMPLEX	43	39	91%				\$ 620,000.00					
MOKAPU ELEM	KALAHEO COMPLEX	46	6	13%				\$ 465,000.00	8		9		
MOKULELE ELEM	RADFORD COMPLEX	34	27	79%	5	Sep-15	\$ 50,000.00			\$ 251,000.00			

Update 2/1/2016					IMMEDIATE RESPONSE		HEAT ABATEMENT MEASURES									
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WAIMANALO ELEM & INTER	KAILUA COMPLEX	47	9	19%												
WAIMEA CANYON MIDDLE	WAIMEA COMPLEX	31	4	13%				\$ 768,000.00								
WAIMEA ELEMENTARY	HONOKAA COMPLEX	41	3	7%				\$ 690,000.00								
WAIMEA HIGH & INTER	WAIMEA COMPLEX	58	10	17%												
WAIPAHA ELEM	WAIPAHA COMPLEX	68	36	53%	4	Nov-15	\$ 215,000.00	\$ 1,268,000.00			11					
WAIPAHA HIGH	WAIPAHA COMPLEX	129	44	34%	8	Oct-15		\$ 1,764,000.00	9		15					
WAIPAHA INTER	WAIPAHA COMPLEX	68	13	19%			\$ 250,000.00		2		3					
WASHINGTON MIDDLE	KAIMUKI COMPLEX	64	43	67%			\$ 440,000.00	\$ 694,000.00								
WEBLING ELEM	AIEA COMPLEX	29	14	48%				\$ 465,000.00								
WHEELER ELEM	LEILEHUA COMPLEX	16	16	100%				\$ 400,000.00			2					
WHEELER INTER	LEILEHUA COMPLEX	50	28	56%				\$ 620,000.00		\$ 198,000.00						
WILCOX ELEM	KAUAI COMPLEX	58	12	21%												
WILSON ELEM	KALANI COMPLEX	59	59	100%				\$ 465,000.00								
Totals		11778	4418	38%	109			\$ 79,891,500.00	104		359					