



# PSUSD

APPROVED BY BOARD OF  
EDUCATION ON 2/11/2020

## **PALM SPRINGS UNIFIED SCHOOL DISTRICT**



### **FACILITIES STUDY SESSION O.E. 12 January 28, 2020**

Presented by PSUSD Staff:  
Julie Arthur, Executive Director Facilities  
Planning & Development

# AGENDA

1. June 25, 2019 Facilities Study Session Outcomes
2. Review Measure E Bond and Redevelopment Projects and Funds
3. Redevelopment Funds Audit Results
4. PSUSD State Grant Eligibility Update
5. Identify Potential New Actions and Projects
6. Energy Conservation Update

# 1. June 25, 2019 Facilities Study Session Outcomes

## Bond Funded Projects:

1. None

## Redevelopment Funded Projects:

1. Desert Hot Springs High School new mini-gym floor - \$750,000.

## 2. Measure E Bond & Redevelopment Projects and Funds

## 2. Measure E Bond Authorization

Measure E \$516,000,000	Series	Authorized Amount	Total Bonds Issued	Remaining Authorization
November 2010	A	\$24,690,000	\$24,690,000	
November 2010	B	110,000,000	134,690,000	
November 2013	C	70,000,000	204,690,000	
July 2016	D	\$100,000,000	\$304,690,000	<b>\$211,310,000*</b>

\*Known as Measure I with next tranche sale

## 2. Measure E Bond Current Projects

Name of Project	Status
1. Agua Caliente Elementary renovation	100% Complete
2. Addition of HVAC to DHS HS locker room	Design Phase
3. Nellie Coffman Middle chiller replacement	Complete
4. Updated Facilities Master Plan	Complete
5. AB 300 List seismic building renovation – PSHS buildings	Bidding
6. Metal shade canopies at elementary schools	Complete
7. Proposition 39 Lighting & HVAC projects	90% Complete
8. Parking lot renovation at Della Lindley Elementary	Design Phase
9. Parking lot improvements – RVES & CCES	Bidding Phase
10. Phase II Fire alarm replacement (CCHS, DLCS, SSES & LES)	At DSA

## 2. Measure E Bond Current Projects

Name of Project	Status
12. Maintenance & Operation roofing projects	On-going
13. Purchase of new elementary site in Desert Hot Springs	On hold
14. Palm Springs High Field Restroom building	Completed 2019
15. Review of shade structure types and costs	Completed 2018
16. District-wide (DW) heating and air conditioning replacements Prop. 39 funding match – PSHS, JWMS, MSJ	Completed 2018
17. Parking lot improvements – TBPES & KFES	Completed 2018
18. Solar roof panels at CCHS for pool	Completed 2018

## 2. Measure E Bond Fund Balance

Project	Expenditures Thru 6/30/19	FY 20 Budget	FY21 Budget	FY22 Budget	Project Budget
Agua Caliente ES Re-build	\$ 45,542,440	634,574			\$ 46,177,014
DW Prop 39 HVAC/Lighting Projects	792,352	3,994,648			4,787,000
Parking Lot Redesign-CCES	97,638	1,752,362			1,850,000
Parking Lot Redesign – DLES		1,050,000			1,050,000
Parking Lot Redesign-TPB ES	1,132,841	517,159			1,650,000
Parking Lot Redesign-RVES	100,636	2,049,364			2,150,000
Chiller Replacement NCMS	1,699,276	4,050,724			5,750,000
M & O Deferred Maintenance Bond Projects	6,487,757	4,312,243			10,800,000
Palm Springs High Seismic Renovation	2,213,841	10,000,000	10,000,000	19,586,159	41,800,000
Desert Learning Academy (BLDG 500)	79,224	100,000	100,000	920,776	1,200,000
DW Drinking Fountains	1,256,995	743,005			2,000,000
Facilities Master Plan Update	238,398	211,602			450,000

## 2. Measure E Bond Fund Balance

Project	Expenditures Thru 6/30/19	FY 20 Budget	FY21 Budget	FY22 Budget	Project Budget	Total Cost to Bond Measure
Metal Shade Canopies – Elementary Schools	2,320,678	979,322			3,300,000	3,300,000
Fire Alarms Phase II, CCHS, DLES, SSES and LES		1,700,000	2,100,000		3,800,000	3,800,000
DHS HS Locker Room HVAC		800,000			800,000	800,000
DHS Elementary New Land Purchase				2,000,000	2,000,000	2,000,000
EWEC & NNC Mod remaining budgets		423,868			423,868	
Bond Costs	230,186	100,000	100,000	100,000	434,786	434,786
<b>Est. Total Project Amounts</b>	<b>\$ 62,192,261</b>	<b>\$ 32,995,003</b>	<b>\$ 12,300,000</b>	<b>\$ 22,606,936</b>	<b>\$ 130,094,200</b>	<b>\$ 130,094,200</b>

## 2. Measure E Bond Fund Balance

Project	Expenditures Thru 6/30/19	FY 20 Budget	FY21 Budget	FY22 Budget	Project Budget	Total Cost to Bond Measure
<b>Estimated Total Project Amounts</b>	\$ 62,192,261	\$ 32,995,003	\$ 12,300,000	\$ 22,606,936	\$ 130,094,200	\$ 130,094,200
<b>Interest Revenues</b>	1,986,958	700,000	500,000	250,000		
<b>State Funds</b>	674,899					
<b>Estimated Total Revenues</b>	2,661,629	700,000	500,000	250,000		
<b>Funding Source: Bond Funds Measure E Series B and C</b>		<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>CASH BALANCE</b>	
<b>Cash balance 7/1/19</b>	77,879,088					
<b>Estimated balance 6/30/20</b>		(32,295,003)			45,584,085	
<b>Estimated balance 6/30/21</b>			(11,800,000)		33,784,086	
<b>Estimated balance 6/30/22</b>				\$ (22,356,936)	\$11,427,150	

## 2. Redevelopment Fund Projects

Name of Project	Status
1. Ongoing Minor Capital Projects	On-going
2. New furniture replacement fund	On-going
3. Solar shade parking canopies Landau Elementary and District Administration Center	In DSA
4. Solar shade parking canopy Sunny Sands Elementary	In DSA
5. PSUSD safety-vulnerability study	On-going
6. Solar, battery & storage and micro-grid review	Design
7. District Administration Center building alteration fund	On-going
8. Surplus property sales	On-going
9. LED Marquees – Elementary & Middle Schools	Design/Bidding
10. Two Bunch Palms ES Office and library alterations	Construction
11. Desert Hot Springs High mini-gym flooring	Design

## 2. Redevelopment Fund Projects

Name of Project	Status
11. Early Childhood Education classroom at EWEC	Completed 2018
12. District Administration Center	Completed 2018
13. LED Marquees – High Schools	Completed 2018

## 2. Redevelopment Fund Balance

Projects	Expenses thru 6/30/19	FY20 Budget	FY21 Budget	FY22 Budget	Project Budgets
Transfer to General Fund for DW Furniture Replacement	\$1,800,000				\$1,800,000
RMHS Special Education Room Modification	17,313				17,313
Purchase land adjacent to DAC*	357,810	*642,190			1,000,000
Desert Hot Springs High mini-gym floor		750,000			750,000
TBP ES Reception/Library Renovation**		293,628	6,372		300,000
New District Administration Center & Alterations	\$ 32,183,387	1,316,613			\$ 33,500,000
LED Marquees for High Schools*	652,088	*47,912			700,000
Climatec – Performance Contract*	25,500				25,500
Early Childhood at Edward Wenzlaff Education Center*	206,372				206,372
Solar Canopies at LES, SSES and DAC	55,486	6,194,514			6,250,000
District-wide Safety & Vulnerability Study	181,537	250,000	68,463		500,000
LED Marquees for Elementary & Middle Schools		2,100,000			2,100,000
Solar, battery storage and micro-grids		500,000	4,000,000	1,900,000	6,400,000
<b>Estimated Total Project Amounts</b>	<b>\$ 35,479,493</b>	<b>\$ 12,094,857</b>	<b>\$ 4,074,835</b>	<b>\$1,900,000</b>	<b>\$ 53,549,185</b>

\*Project Complete

## 2. Redevelopment Annual/On-going Expenses

Annual/On-going Expenses	Expenses thru 6/30/19	FY20 Budget	FY21 Budget	FY22 Budget
Transfer to 06 for Technology	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$2,000,000
Transfer to MMR	3,551,700	4,650,531	4,700,000	4,750,000
Airlinks towers	132,000	132,000	132,000	132,000
TIS PO's + Edom Hill	7,964	48,000	48,000	48,000
Suitt Lease	118,822	126,177	126,177	126,177
MCP Funds	126,947	275,384	200,000	200,000
<b>Estimated Total of Annual Amounts</b>	<b>6,010,546</b>	<b>7,254,797</b>	<b>7,206,177</b>	<b>7,256,177</b>

## 2. Redevelopment Fund Balance

	Expenses thru 6/30/19	FY20 Budget	FY21 Budget	FY22 Budget
Estimated Total of Annual/On-going Amounts	6,010,546	7,254,797	7,206,177	7,256,177
Estimated Total of Project Amounts (Page 12)	35,479,493	12,094,835	4,074,835	1,900,000
Total Combined Annual & Project Amounts	41,490,039	19,326,949	11,281,012	9,156,177
Received and Projected Revenues	*10,439,755	10,137,553	10,443,277	10,730,178
Net Change		(9,189,396)	(837,735)	1,574,001
		FY20	FY21	FY22
Cash Balance as of 6/30/19	14,410,245			
Balance as of 6/30/20		5,220,849		
Balance as of 6/30/21			4,383,114	
Balance as of 6/30/22				\$ 5,957,115

\*Received

# 3. 2018/2019 Redevelopment Audit Results



**COOPERATIVE  
STRATEGIES**

COMPLETE FINANCIAL & DEMOGRAPHIC PLANNING FOR EDUCATION

**PALM SPRINGS UNIFIED SCHOOL DISTRICT**

**REDEVELOPMENT FISCAL YEAR 2018/2019  
AUDIT RESULTS**

**SEPTEMBER 2019**

**PREPARED FOR:**  
Palm Springs Unified  
School District  
150 District Center Drive  
Palm Springs, CA 92264  
T 760.883.2700

**PREPARED BY:**  
Cooperative Strategies  
8955 Research Drive  
Irvine, CA 92618  
T 844.654.2421

# 3. PSUSD Redevelopment Project Areas

## ORGANIZATIONAL CHART

### REDEVELOPMENT PROJECT AREAS



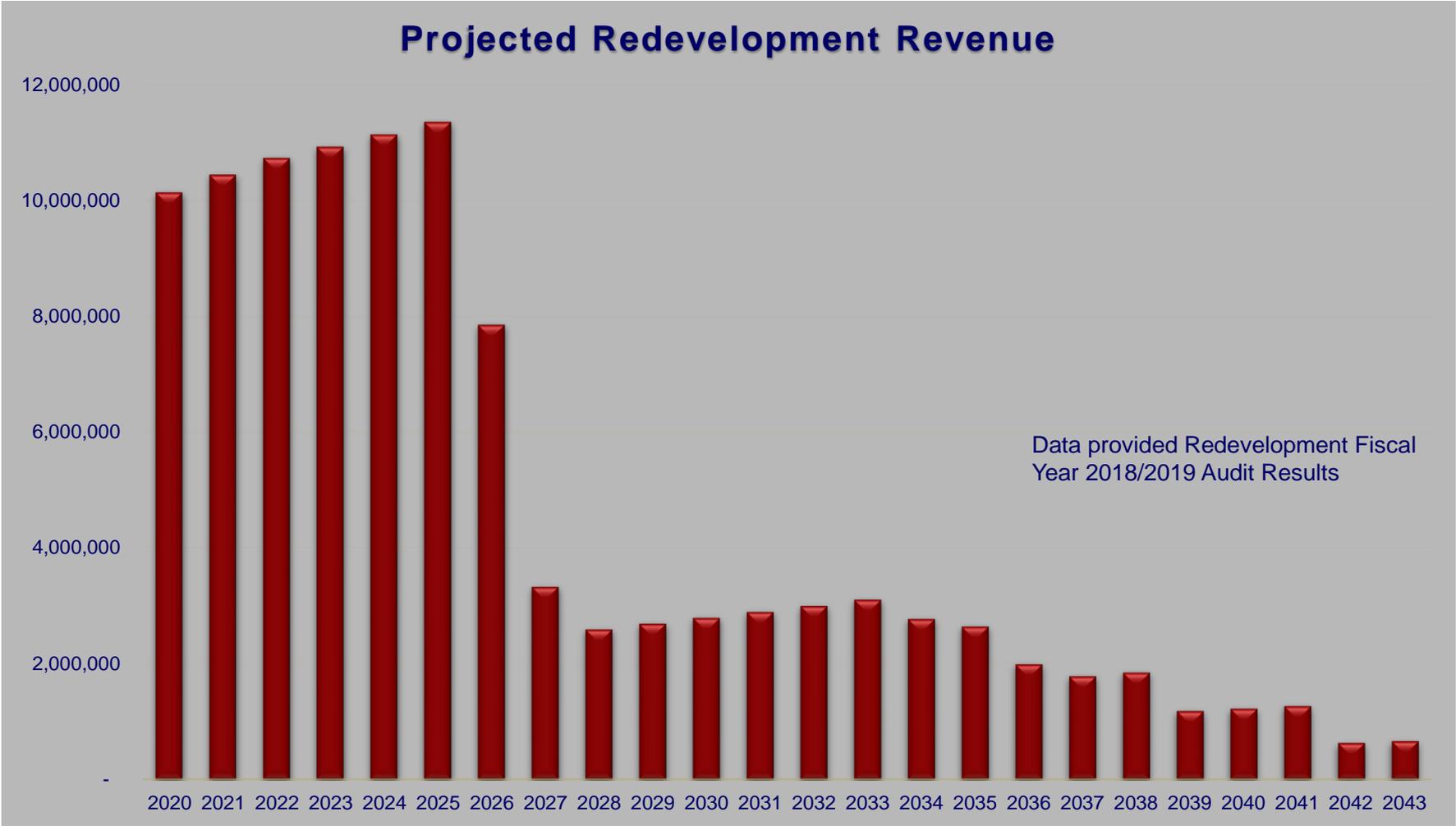
#### Palm Springs Unified School District

Cathedral City Redevelopment Agency	County of Riverside Redevelopment Agency	Desert Hot Springs Redevelopment Agency	Palm Desert Redevelopment Agency	Palm Springs Redevelopment Agency	Rancho Mirage Redevelopment Agency
Cathedral City RDV	3 - Garnet	Desert Hot Spgs RDV 1	Palm Desert RDV 2	Baristo-Farrell RDV	Rancho Mirage RDV - 84 Proj
Cathedral City RDV #2	Mid-County Proj Amd 2 AB 1290	Desert Hot Spgs RDV 2		City of Palm Spgs Taq-And RDV	
Cathedral City RDV #3	Project 3 West Garnet	DHS #1&2 RDV 98 Anx AB 1290		Highland Gateway RDV	
Cathedral proj 1 Amd 4 AB 1290	Project 4 1000 Palms			N. Palm Canyon RDV	
	Project 4 1000 Palms RDV AB 1290			Oasis RDV Project	
				Palm Springs Cent Bus Redev Proj	
				Palm Springs Canyon RDV	
				Palm Springs RDV Project 9	
				Ramon-Bogie RDV Proj	
				So. Palm Canyon RDV	

**Legend**

- School District
- Redevelopment Agency
- Redevelopment Project Area

# 3. Aggregate Projection



# 3. Redevelopment Funds Timeline

Year	Projected Redevelopment Revenue
2019	9,839,056
2020	10,137,202
2021	10,443,277
2022	10,730,178
2023	10,923,850
2024	11,132,242
2025	11,350,546
2026	7,853,240
2027	3,336,249
2028	2,602,077
2029	2,698,527
2030	2,798,822
2031	2,901,124
2032	3,005,471
2033	3,111,905
2034	2,781,487
2035	2,649,795
2036	1,999,627
2037	1,791,630
2038	1,854,099
2039	1,186,772
2040	1,229,735
2041	1,273,557
2042	633,735
2043	664,804

Estimated amount of redevelopment funds annual to cover expenses – \$ 7,500,000  
MMR, Tech Funds, Towers, ETIS POs, Edom Hill tower, MCPs and Suitt lease

- Redevelopment Fund Projections:**
- **2026 Funds drop significantly**
  - **2027 Cannot cover Annual/Ongoing Expenses**
  - **2043 Redevelopment funds end**

# 3. Redevelopment Annual/On-going Expenses

Annual/On-going Expenses	Expenses thru 6/30/19	FY20 Budget	FY21 Budget	FY22 Budget
Transfer to 06 for Technology	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$2,000,000
Transfer to MMR	3,551,700	4,650,531	4,700,000	4,750,000
Airlinks towers	132,000	132,000	132,000	132,000
TIS PO's + Edom Hill	7,964	48,000	48,000	48,000
Suitt Lease	118,822	126,177	126,177	126,177
MCP Funds	126,947	275,384	200,000	200,000
<b>Estimated Total of Annual Amounts</b>	<b>6,010,546</b>	<b>7,254,797</b>	<b>7,206,177</b>	<b>7,256,177</b>

Only expense mandated by the State

# 3. Redevelopment Fund Options

1. No Changes – continue Annual/Ongoing Expenses and assign any remaining funds to new projects.
2. Continue Annual/Ongoing Expenses but do not assign remaining funds to new projects. Save and ‘bank’ revenue beyond the \$7.5 M.
3. Evaluate current spending plan – may require reduction in current ongoing expenses to extend Redevelopment funds.
4. Identify replacement revenues – parcel tax, grants, etc.

# 3. Option 1 – No Changes

Year	Projected Redevelopment Revenue	Annual/Ongoing Expenses	Remaining Revenue for New Projects
2020	10,137,202	7,500,000	2,637,202
2021	10,443,277	7,500,000	2,943,277
2022	10,730,178	7,500,000	3,230,178
2023	10,923,850	7,520,000	3,403,850
2024	11,132,242	7,540,000	3,592,242
2025	11,350,546	7,560,000	3,790,546
2026	7,853,240	7,580,000	273,240
2027	3,336,249	7,600,000	(4,263,751)
2028	2,602,077	7,620,000	(5,017,923)
2029	2,698,527	7,640,000	(4,941,473)
2030	2,798,822	7,660,000	(4,861,178)
2031	2,901,124	7,680,000	(4,778,876)
2032	3,005,471	7,700,000	(4,694,529)
2033	3,111,905	7,720,000	(4,608,095)
2034	2,781,487	7,740,000	(4,958,513)
2035	2,649,795	7,760,000	(5,110,205)
2036	1,999,627	7,780,000	(5,780,373)
2037	1,791,630	7,800,000	(6,008,370)
2038	1,854,099	7,820,000	(5,965,901)
2039	1,186,772	7,840,000	(6,653,228)
2040	1,229,735	7,860,000	(6,630,265)
2041	1,273,557	7,880,000	(6,606,443)
2042	633,735	7,900,000	(7,266,265)
2043	664,804	7,920,000	(7,255,196)

No Changes – Continue Annual/Ongoing Expenses and assign any remaining funds to new projects.



# 3. Option 2 – Pay Annual/Ongoing Expenses

Year	Projected Redevelopment Revenue	Annual/Ongoing Expenses	Revenue less Expenses	Saved funds
2020	10,137,202	7,500,000	2,637,202	
2021	10,443,277	7,500,000	2,943,277	
2022	10,730,178	7,500,000	3,230,178	
2023	10,923,850	7,520,000	3,403,850	
2024	11,132,242	7,540,000	3,592,242	
2025	11,350,546	7,560,000	3,790,546	
2026	7,853,240	7,580,000	273,240	19,870,535
<b>2027</b>	<b>3,336,249</b>	<b>7,600,000</b>	<b>15,606,784</b>	Dip into savings
2028	2,602,077	7,620,000	10,588,861	
2029	2,698,527	7,640,000	5,647,388	
2030	2,798,822	7,660,000	786,210	Last positive year
2031	2,901,124	7,680,000	(3,992,666)	
2032	3,005,471	7,700,000	(4,694,529)	
2033	3,111,905	7,720,000	(4,608,095)	
2034	2,781,487	7,740,000	(4,958,513)	
2035	2,649,795	7,760,000	(5,110,205)	
2036	1,999,627	7,780,000	(5,780,373)	
2037	1,791,630	7,800,000	(6,008,370)	
2038	1,854,099	7,820,000	(5,965,901)	
2039	1,186,772	7,840,000	(6,653,228)	
2040	1,229,735	7,860,000	(6,630,265)	
2041	1,273,557	7,880,000	(6,606,443)	
2042	633,735	7,900,000	(7,266,265)	
2043	664,804	7,920,000	(7,255,196)	

Continue Annual/Ongoing Expenses but do not assign remaining funds to new projects. Save and 'bank' revenue beyond the \$7.5 M.

Estimated amount of redevelopment funds annually to cover expenses – \$ 7,500,000 plus \$20,000 COLA

Savings allows for 4 more years of Annual/Ongoing Expenses with no changes

# 3. Option 3 – Evaluate Current Spending Plan

Year	Projected Redevelopment Revenue	Only MMR Expenses	Revenue Less Expenses	Saved funds
2020	10,137,202	7,500,000	2,637,202	
2021	10,443,277	4,700,000	5,743,277	
2022	10,730,178	4,750,000	5,980,178	
2023	10,923,850	4,770,000	6,153,850	
2024	11,132,242	4,790,000	6,342,242	
2025	11,350,546	4,810,000	6,540,546	
2026	7,853,240	4,830,000	3,023,240	36,420,535
2027	3,336,249	4,850,000	34,906,784	Dip into savings
2028	2,602,077	4,870,000	32,638,861	
2029	2,698,527	4,890,000	30,447,388	
2030	2,798,822	4,910,000	28,336,210	
2031	2,901,124	4,930,000	26,307,334	
2032	3,005,471	4,950,000	24,362,805	
2033	3,111,905	4,970,000	22,504,710	
2034	2,781,487	4,990,000	20,296,197	
2035	2,649,795	5,010,000	17,935,992	
2036	1,999,627	5,030,000	14,905,619	
2037	1,791,630	5,050,000	11,647,249	
2038	1,854,099	5,070,000	8,431,348	
2039	1,186,772	5,090,000	4,528,120	
2040	1,229,735	5,110,000	647,855	Last positive year
2041	1,273,557	5,130,000	(3,208,588)	
2042	633,735	5,150,000	(4,516,265)	
2043	664,804	5,170,000	(4,505,196)	

Evaluate current spending plan – may require reduction in current ongoing expenses to extend Redevelopment funds.

Estimated amount of Redevelopment funds for only MMR expenses – \$ 4,750,000 plus \$20,000 COLA

Savings allows for 14 more years of MMR expenses

### 3. Option 4 Replacement Revenues

Identify replacement revenues – parcel tax, grants, etc.

1. Hire grant writer to look for corporate, state and federal grants for technology and ongoing maintenance funds available to public schools
2. Review possibility of parcel tax to be used for technology and maintenance funds for equipment and salaries

4.

# PSUSD State Grant Eligibility Update



# 4. State Grant Eligibility - Modernization

School Site	2022		Base Year
	Minimum		
	Total State Grant @ 63%	District Share @ 37%	For Eligibility
Sunny Sands ES	\$5,234,358	\$3,074,147	1987
Landau ES	\$3,775,718	\$2,217,485	1989
Bubbling Wells ES	\$3,939,630	\$2,313,751	1992
Cathedral City HS	\$13,335,604	\$7,832,021	1992
James Workman MS	\$8,327,661	\$4,890,849	1995
Cielo Vista Charter	\$4,511,158	\$2,649,410	1996
Desert Learning Academy	\$2,356,939	\$1,384,234	1996
Julius Corsini ES	\$2,093,531	\$1,229,534	1996
Mt. San Jacinto HS	\$3,253,215	\$1,910,619	1996
Palm Springs HS	\$16,197,499	\$9,512,817	1996
Desert Springs MS	\$6,588,838	\$3,869,635	1996
Rancho Mirage ES	\$2,389,202	\$1,403,182	1997
Vista Del Monte ES	\$1,830,072	\$1,074,804	1997
<b>Totals:</b>	<b>\$73,833,424</b>	<b>\$43,362,487</b>	

# 4. State Grant Eligibility - Modernization

School Site	2022		Base Year
	Minimum		
	Total State Grant @ 63%	District Share @ 37%	For Eligibility
Della S. Lindley ES	\$2,995,724	\$1,759,393	1998
Desert Hot Springs HS	\$1,728,447	\$1,015,120	1998
Two Bunch Palms ES	\$1,209,533	\$710,361	1998
Katherine Finchy ES	\$4,021,336	\$2,361,737	1999
Raymond Cree MS	\$0	\$0	1999
Cathedral City ES	\$1,311,358	\$770,162	2000
Nellie N. Coffman MS	\$951,490	\$558,811	2000
Cahuilla ES	\$1,311,358	\$770,162	2001
Rio Vista ES	\$0	\$0	2002
Cabot Yerxa ES	\$0	\$0	2009
Painted Hills MS	\$0	\$0	2010
Rancho Mirage HS	\$0	\$0	2013
Bella Vista ES	\$0	\$0	2014
Wenzlaff Ed Center	\$0	\$0	2014
Agua Caliente ES	\$0	\$0	2018
<b>TOTALS</b>	<b>\$13,529,245</b>	<b>\$7,945,747</b>	

# 5. Potential New Actions Bond & Redevelopment Funds

# 5. Potential Actions Pending BOE Direction

1. Analyze Phase 1 modernization eligible elementary schools- DLES, SSES, LES and BWES \$1 M each for design fees – Bond Funds.
2. Analyze Phase 1 modernization eligible middle school option \$2 M for design fees – Bond Funds
3. Analyze Phase 1 modernization high school \$2.5 M for design fees – Bond Funds.
4. Consider Redevelopment fund - 4 options.

# 5. Potential Actions and Projects Pending BOE Direction – Bond Funds

Project	Amount Requested	Estimated Bond Funds
Estimated Balance as of 6/30/2022		\$ 11,427,150
Review/design for Phase 1 Modernization Eligible Elementary Schools	4,000,000	7,427,150
Review/design for Phase 1 Modernization Eligible Middle Schools	2,000,000	5,427,150
Review/design for Phase 1 Modernization Eligible High Schools	2,500,000	2,927,150
<b>Total:</b>	<b>\$ 8,500,000</b>	<b>\$ 2,927,150</b>

# 3. Redevelopment Fund Options

1. No Changes – continue Annual/Ongoing Expenses and assign any remaining funds to new projects.
2. Continue Annual/Ongoing Expenses but do not assign remaining funds to new projects. Save and ‘bank’ revenue beyond the \$7.5 M.
3. Evaluate current spending plan – may require reduction in current ongoing expenses to extend Redevelopment funds.
4. Identify replacement revenues – parcel tax, grants, etc.

# 5. Redevelopment Fund Potential Options Pending BOE Direction

Project	Amount Requested	Redevelopment Funds
Estimated Balance as of 6/30/2022		\$ 5,957,115
No project recommended		
Total:		\$ 5,957,115

*2. Continue Annual/Ongoing Expenses but do not assign remaining funds to new projects. Save and 'bank' revenue beyond the \$7.5 M. - Staff Recommends*

Review Options 1, 3, & 4 at June Facilities Study Session

1. No Changes – continue Annual/Ongoing Expenses and assign any remaining funds to new projects.
3. Evaluate current spending plan – may require reduction in current ongoing expenses to extend Redevelopment funds.
4. Identify replacement revenues – parcel tax, grants, etc.



## 6. Energy Conservation Update

# 6. Palm Springs USD Energy Dashboard



Sign In

- Home
- District Info
- Parents
- Departments
- Staff
- Schools
- The Foundation

## Business Services

- ↪ Department Overview
- ↪ Facilities Planning and Development
- ↪ Fiscal Services
- ↪ Maintenance & Operations
- ↪ Nutrition Services
- ↪ Purchasing Services
- ↪ Transportation Services
- ↪ Financial Documents and Presentations
- ↪ School Connected Organizations
- ↪ PSUSD Utility Dashboard

Home > Departments > Business Services > Department Overview



## Our Role

The mission of the Business Services Department is to support all students to ensure they are provided with safe, appropriate learning environments through dedicated support and resources so all students can achieve to their fullest potential and be prepared for productive

## Upcoming Events

↪ View Calendar



# 6. Palm Springs USD Energy Dashboard

The image shows a screenshot of the Palm Springs USD Energy Dashboard. The background is a photograph of the Palm Springs Unified School District building with a sign that reads "PALM SPRINGS Unified School District CENTER". In the top left corner, there is a logo for "sitealogiq Efficiency Powered by Intelligence". In the top right corner, there is a logo for "PSUSD PALM SPRINGS UNIFIED SCHOOL DISTRICT". The main title "Palm Springs USD Energy Dashboard" is centered in a large white font. Below the title is a paragraph of text. At the bottom, there are eight white buttons with black text arranged in two rows of four.

**sitealogiq**  
Efficiency Powered by Intelligence

**PSUSD**  
PALM SPRINGS  
UNIFIED  
SCHOOL DISTRICT

## Palm Springs USD Energy Dashboard

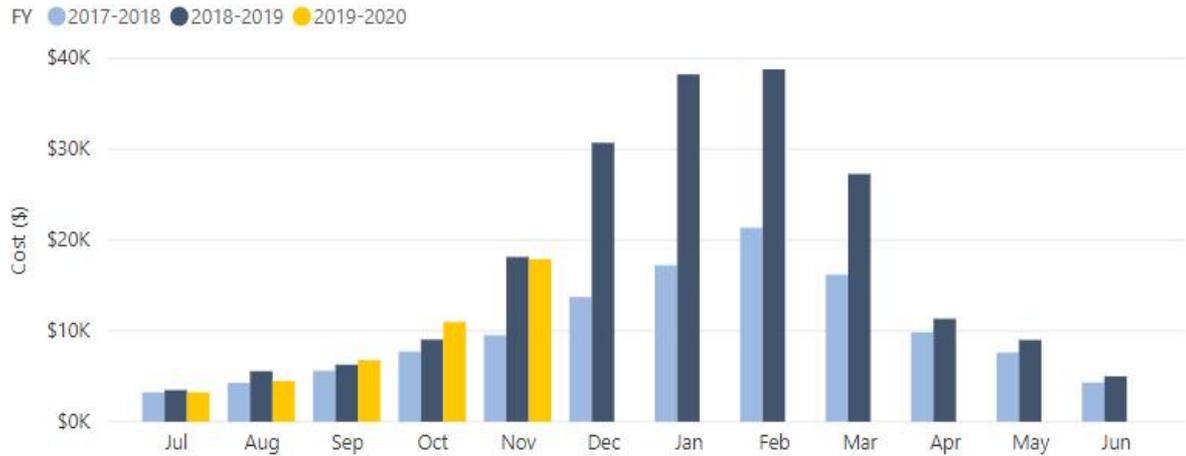
The Palm Spring Schools Unified School District has partnered with SitelogIQ to help decrease the cost of utility bills through managing and monitoring electric energy use at all schools by using tools such as this Dashboard. This Dashboard displays the electric use and associated costs for each school, and the District as a whole. The tool was created to facilitate group collaboration, encourage energy reduction efforts so that progress and opportunities can be identified and made readily available for viewing by staff and students.

- Usage Overview
- Comparison Table
- Solar Performance
- EUI Map
- Cost Overview
- Comparison Chart
- Estimated Savings
- Interval Data

# 6. Utility Comparison 2017/18 to 2019/20



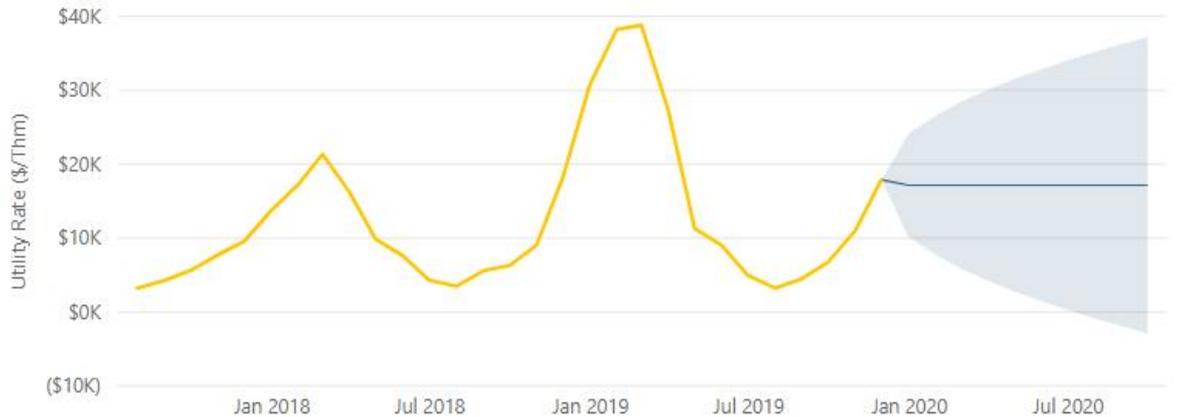
**Total Natural Gas Cost by Month and Fiscal Year**



**Total Natural Gas Cost by Fiscal Year**



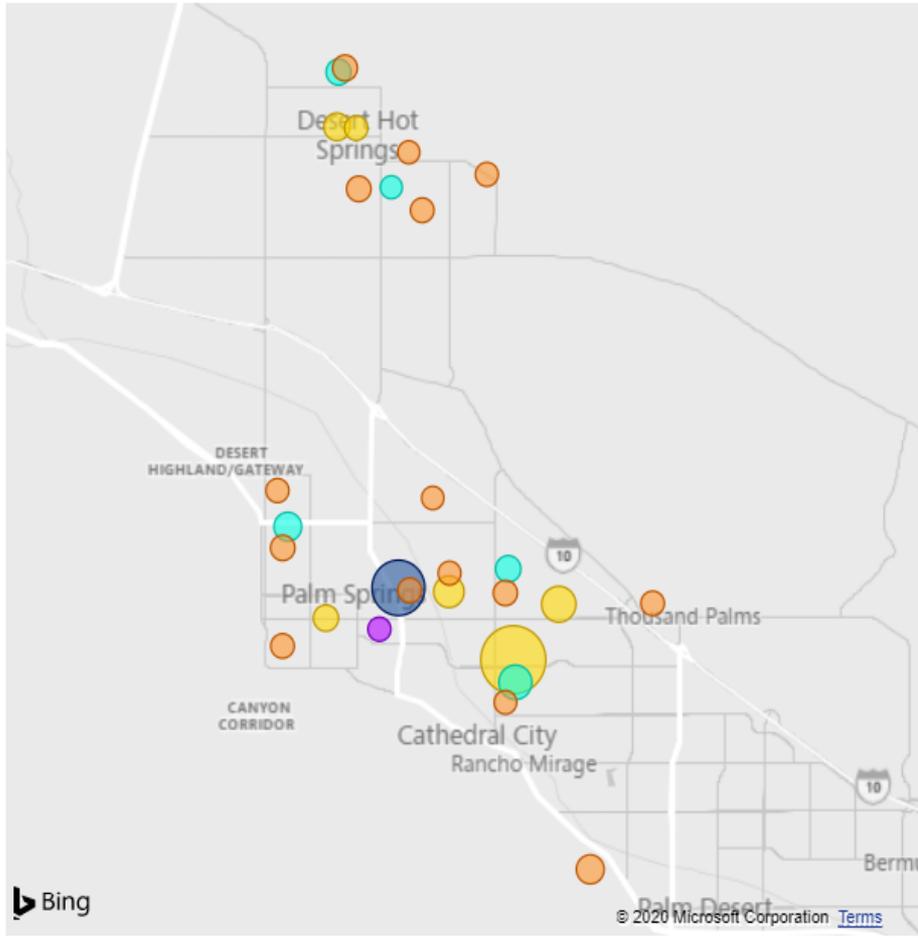
**Utility Cost Rate (Blue) and Forecasted Rate (Grey) by Month**



# 6. Utility Budgets – Natural Gas

## Natural Gas Usage Intensity Comparison (Therm/SF)

Site Type ● Charter ● District Facility ● Elementary School ● High School ● Middle School

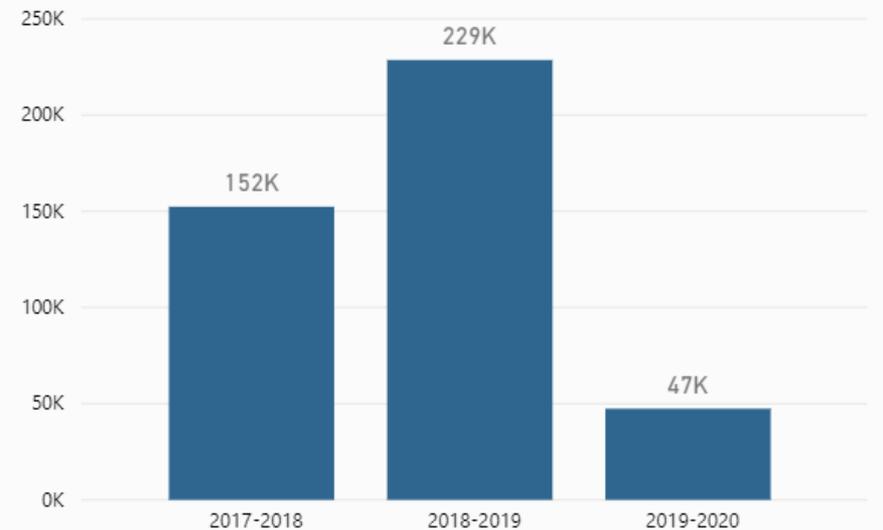


### Classification Selection

- 
- 
- 
- 
- 

<b>Nat Gas (Therm)</b>	<b>Total Cost (\$)</b>
47.42K	\$43.37K
<b>Avg EUI (Therm/SF)</b>	<b>Avg Rate (\$/Therm)</b>
0.015	\$0.915

### Annual Natural Gas Use (Therm) by Year



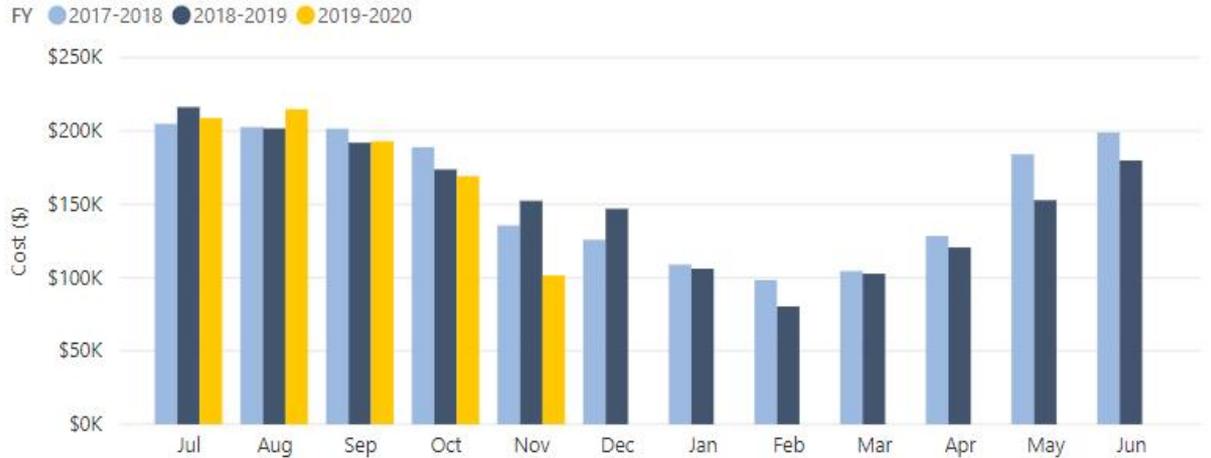
# 6. Utility Comparison 2017/18 to 2019/20



**Month Selection**

- Select all
- July
- August
- September
- October
- November
- December
- January
- February
- March
- April
- May
- June

**Total Water Cost by Month and Fiscal Year**



**Total Water Cost by Fiscal Year**



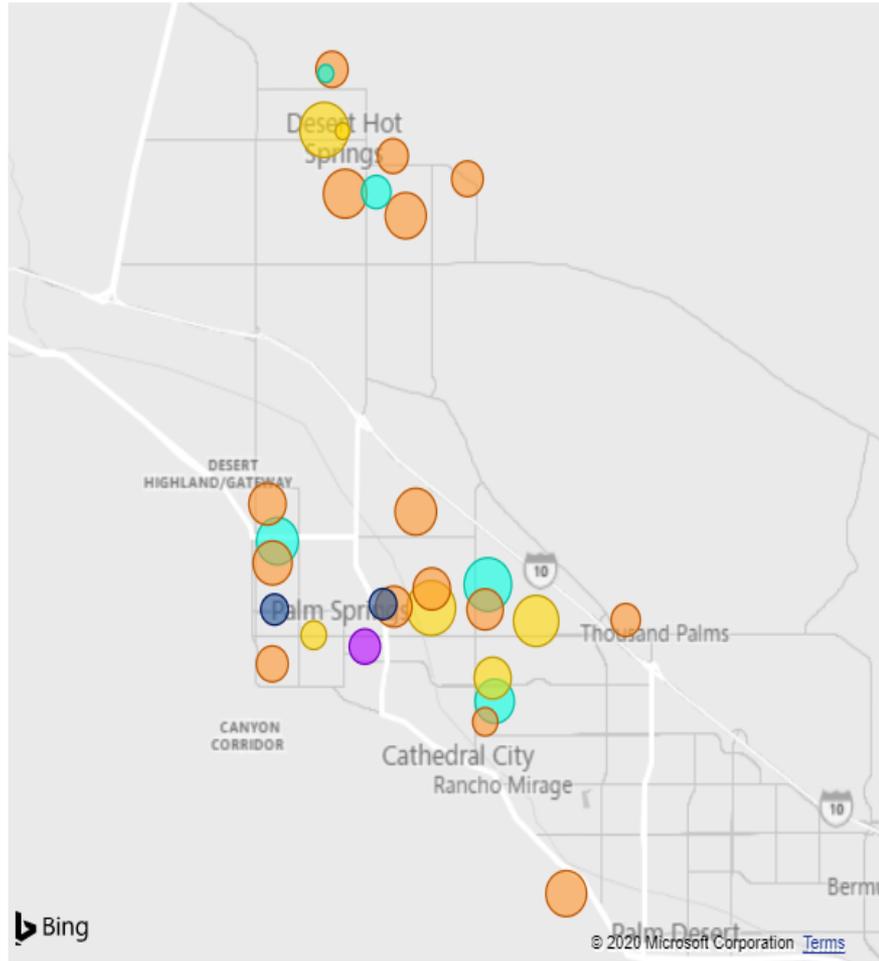
**Water Cost Rate (Blue) and Forecasted Rate (Grey) by Month**



# 6. Utility Budgets – Water

## Total Water Usage per Square Ft Comparison (CCF/SF)

Site Type ● Charter ● District Facility ● Elementary School ● High School ● Middle School

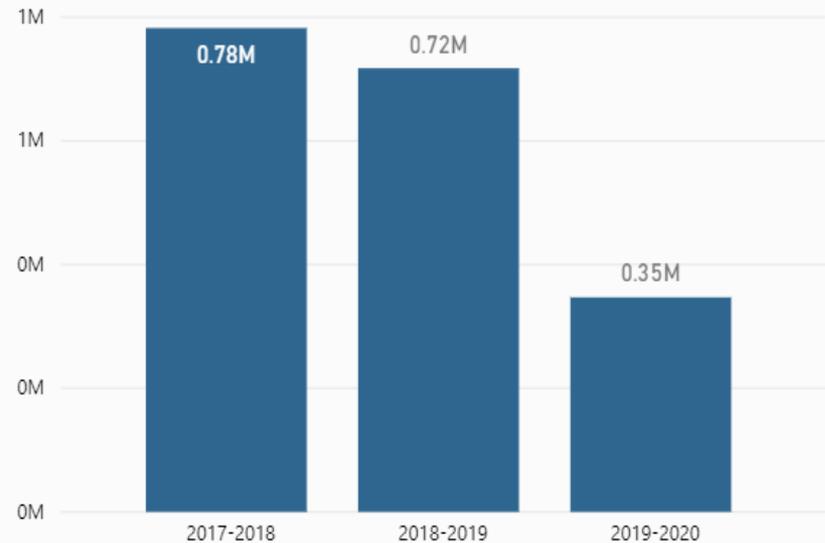


### Classification Selection

- Charter
- District Facility
- Elementary School
- High School
- Middle School

Water (CCF)	Total Cost (\$)
347.04K	\$887.17K
Avg EUI (CCF/SF)	Avg Rate (\$/CCF)
3.19	2.56

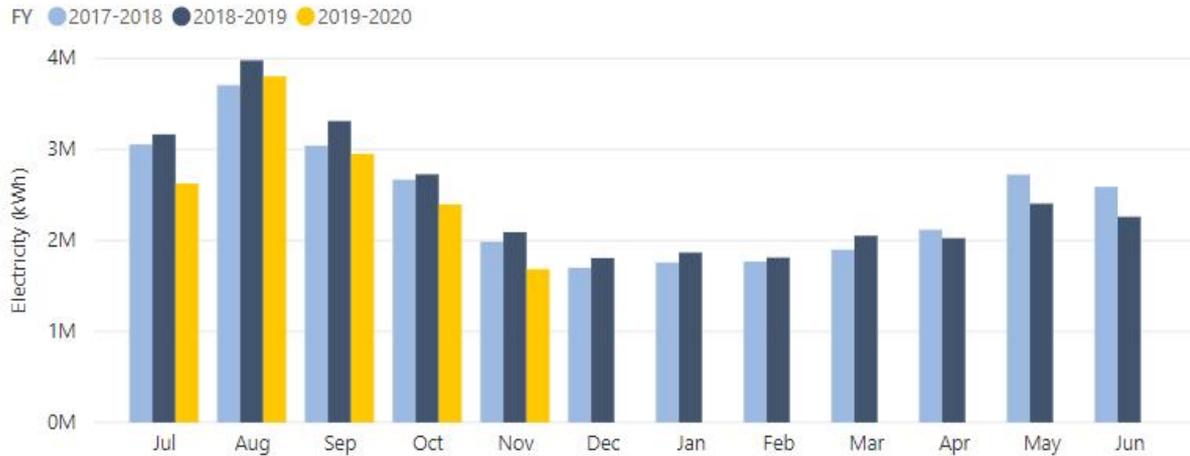
### Total Water Use (CCF) by Year



# 6. Utility Comparison 2017/18 to 2019/20



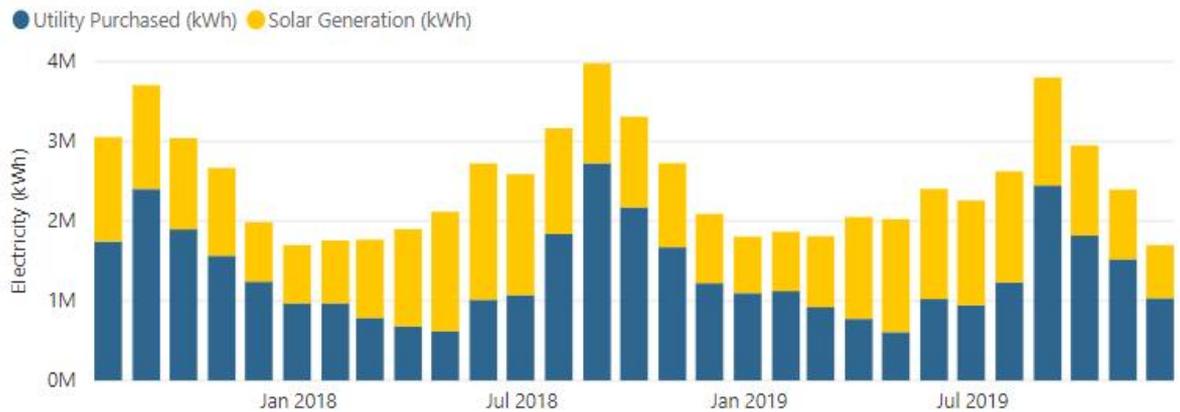
**Total Electricity Usage by Month and Fiscal Year**



**Total Electricity Usage by Fiscal Year**



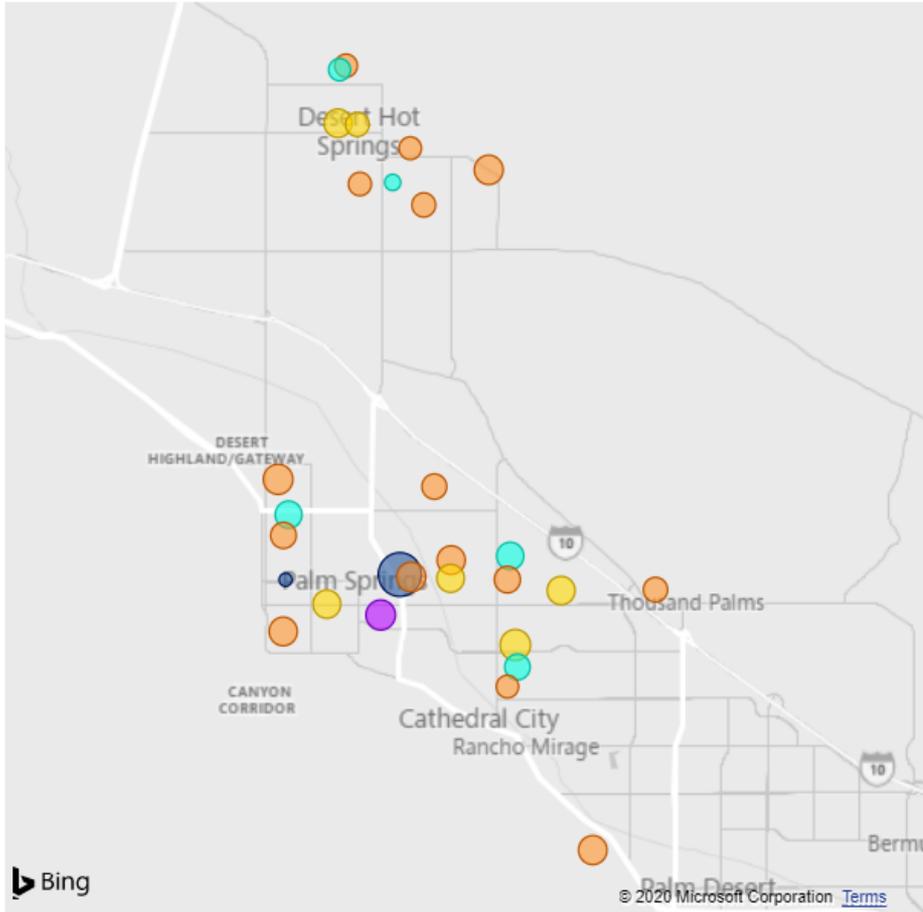
**Total Electricity Use by Month and Source**



# 6. Utility Budgets – Electricity

## Electricity Usage Intensity Comparison (kWh/SF)

Site Type ● Charter ● District Facility ● Elementary School ● High School ● Middle School



## Classification Selection

- 
- 
- 
- 
- 

Electricity (kWh)

13.46M

Total Cost (\$)

\$2.25M

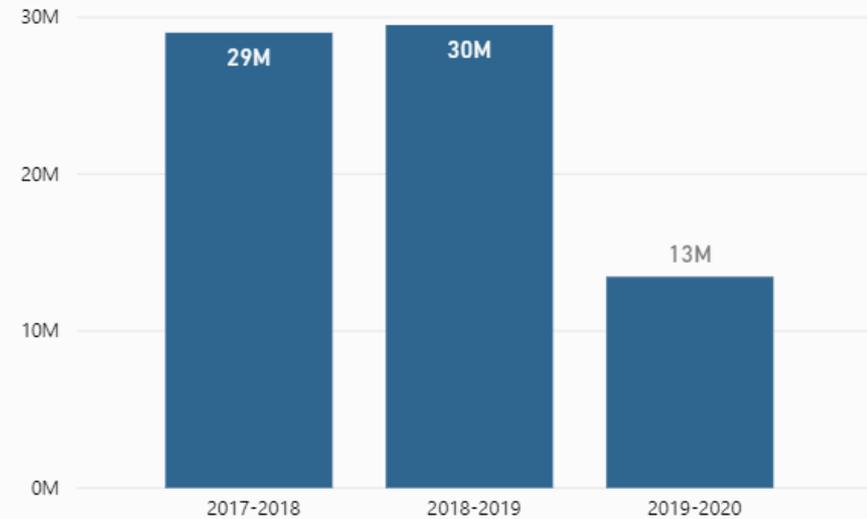
Avg EUI (kWh/SF)

4.38

Avg Rate (\$/kWh)

\$0.113

## Annual Electricity Use (kWh) by Year



# 6. Electricity Cost Per Square Foot

Site Name	Total Electric Cost divided by Area	Total Electric Cost (\$)	Site Current Total Building Area (SF)
District Administration Center	\$1.377	\$205,930.01	149,528
Agua Caliente Elementary	\$1.075	\$64,492.86	60,016
Vista Del Monte Elementary	\$1.020	\$46,850.44	45,945
Cielo Vista Charter	\$0.967	\$74,474.26	77,008
Julius Corsini Elementary	\$0.923	\$63,722.92	69,053
Cathedral City HS	\$0.895	\$217,482.93	243,031
James Workman MS	\$0.882	\$104,508.30	118,522
Mt. San Jacinto HS	\$0.865	\$30,227.37	34,962
Katherine Finchy Elementary	\$0.832	\$55,492.74	66,711
Landau Elementary	\$0.797	\$53,083.20	66,641
Sunny Sands Elementary	\$0.780	\$58,782.30	75,410
Cahuilla Elementary	\$0.773	\$46,517.17	60,159
Desert Hot Springs HS	\$0.755	\$165,366.85	219,087
Bella Vista Elementary	\$0.732	\$63,783.67	87,136
Cabot Yerxa Elementary	\$0.722	\$47,692.32	66,087
Palm Springs HS/Desert Learning Academy	\$0.696	\$202,934.90	291,646
Raymond Cree MS	\$0.695	\$96,916.65	139,546
Edward L. Wenzlaff Education Center	\$0.693	\$38,887.18	56,104
Cathedral City Elementary	\$0.692	\$62,721.71	90,675
Rio Vista Elementary	\$0.666	\$50,527.17	75,849
Nellie Coffman MS	\$0.636	\$68,238.05	107,368
Rancho Mirage HS	\$0.634	\$210,135.69	331,390
Painted Hills MS	\$0.587	\$86,986.21	148,093
Rancho Mirage Elementary	\$0.515	\$22,478.50	43,613
Della S. Lindley Elementary	\$0.508	\$33,356.32	65,609
Desert Springs MS	\$0.356	\$41,328.61	115,997
Administration-Education Center	\$0.293	\$7,021.90	23,973
Two Bunch Palms Elementary	\$0.263	\$20,654.79	78,442
Bubbling Wells Elementary	\$0.206	\$13,853.62	67,187

# 6. 2019/20 Estimated Energy Savings

**Selected FY  
CDD  
454.67**

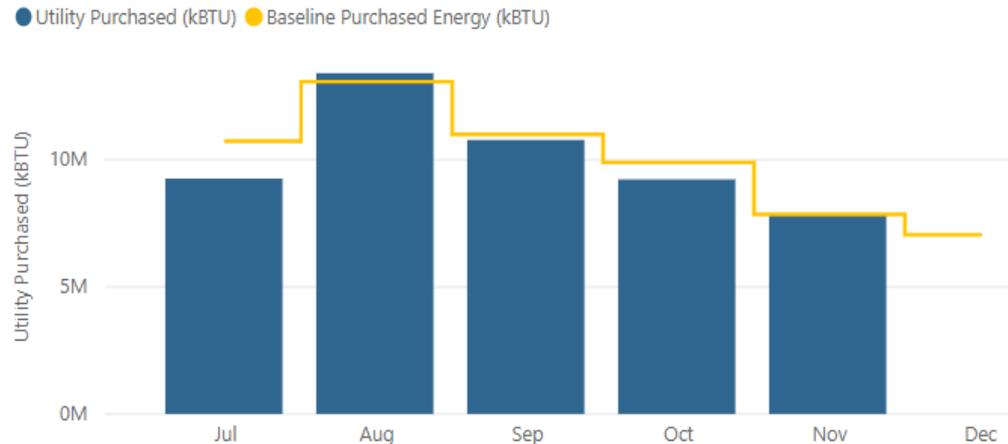
This represents a **2.97%** change from the amount of CDD in the baseline year.

**Selected FY  
HDD  
40.56**

This represents a **-56.25%** change from the amount of HDD in the baseline year.

Cooling Degree Days (CDDs) and Heating Degree Days (HDDs) are a measure of how much heating or cooling a building needs in comparison to previous years, and provides explanations for annual energy trends.

**Utility Purchased Comparison with 2017-18 Baseline Year**



**Baseline Energy (kBTU)**

**59.59M**

**Selected FY Energy (kBTU)**

**50.49M**

**Total Energy Usage Savings (kBTU)**

**8.94M**

**Baseline Energy Cost (\$)**

**\$2.96M**

**Selected FY Energy Cost (\$)**

**\$2.29M**

**Total Energy Cost Savings (\$)**

**661.64K**

**Baseline Year Data**

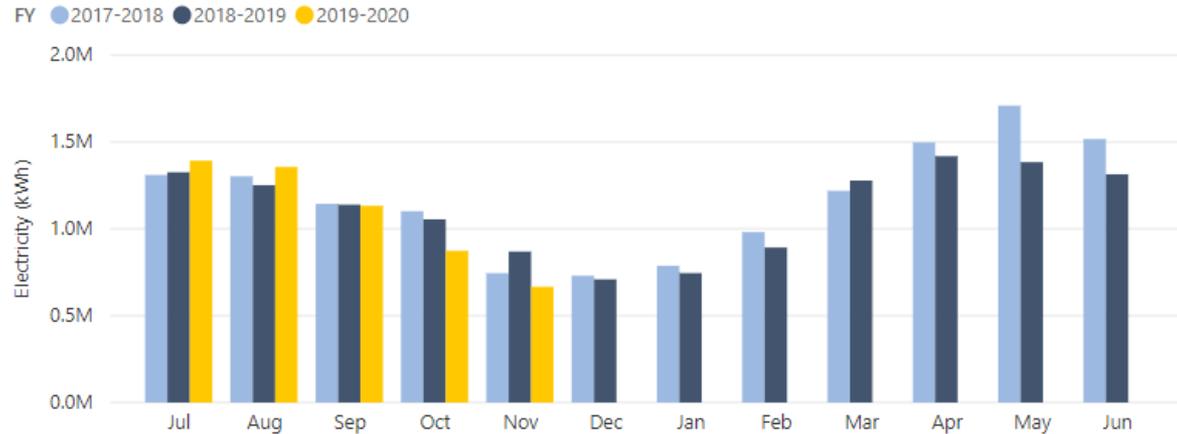
The current baseline year is populated from 2017-18 fiscal year data.

When the current fiscal year is selected, year-to-date information will be displayed. Data for the current year will continue to be added on a monthly basis when utility bills become available.

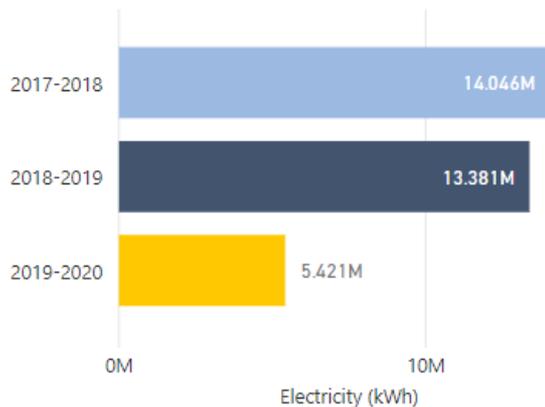
# 6. Solar Production 2018-2019 District-wide



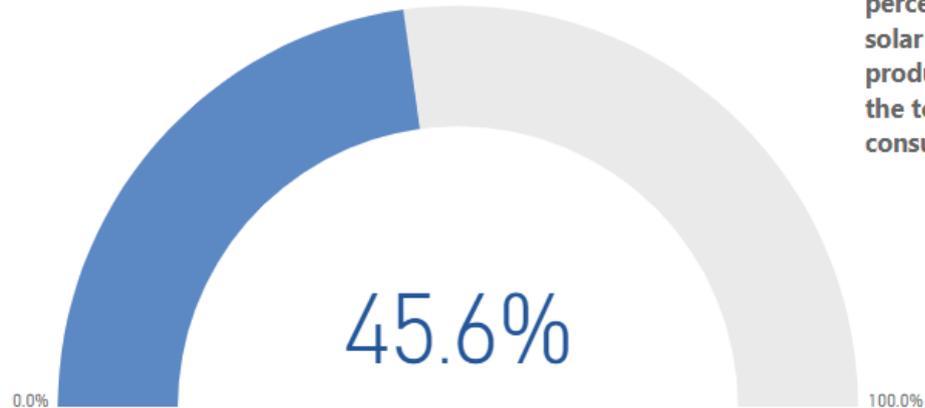
**Solar Generation by Month and Fiscal Year**



**Solar Generation by Fiscal Year**



**Percent of Electricity from Solar Generation**



This metric is a percentage of the total solar generation produced compared to the total electric energy consumption.

# 6. Solar Production District-owned

## Bubbling Wells Elementary

Status

Palm Springs USD ▾ Bubbling Wells Elementary School ▾

Bubbling Wells Elementary School: Awaiting Customer Approval - Click here to approve in the site configuration page

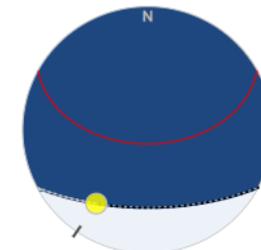
Classic | Widget | Project Management | Support Cases



67501 Camino Campanero  
Desert Hot Springs CA 92240  
United States



2:05 PM PST  
1/3/2020



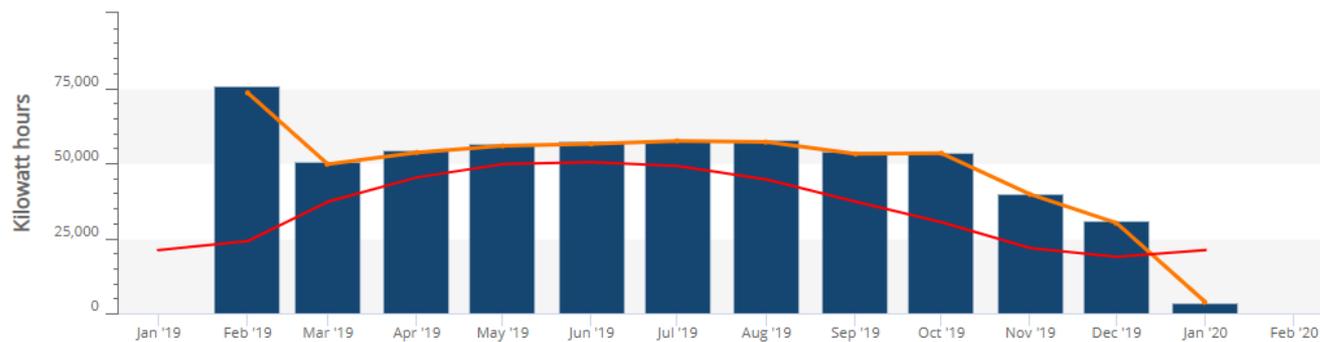
Azimuth: 214.4° Elevation: 24.6°



- Generation Meter RM 01  
147 kW 2 minutes ago
- Datalogger DAS 01  
2 minutes ago
- POA Pyranometer SE 01  
544 W/m<sup>2</sup> 2 minutes ago
- Ambient temperature SE 03  
2 minutes ago
- Wind Vane SE 04  
2 minutes ago
- Cell Temperature Sensor SM 01  
2 minutes ago
- Load Meter RM 02  
23.5 kW 2 minutes ago

Day | 3 Day | Week | Month | Year | Lifetime | Jan 1, 2019 - Jan 31, 2020

Raw 1 min 5 min 15 min 1 hour 1 day 5 day 1 week 1 month 1 year Auto Bin



Today 933 kWh	This Month 3.39 MWh	This Year 3.39 MWh	Lifetime 2.9 GWh	System Size: 321 kW
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# 6. Palm Springs USD Energy Dashboard



Energy Manager, Michele Laskero  
on PSUSD Dashboard

## Palm Springs USD Energy Dashboard

The Palm Spring Schools Unified School District has partnered with SiteLogIQ to help decrease the cost of utility bills through managing and monitoring electric energy use at all schools by using tools such as this Dashboard. This Dashboard displays the electric use and associated costs for each school, and the District as a whole. The tool was created to facilitate group collaboration, encourage energy reduction efforts so that progress and opportunities can be identified and made readily available for viewing by staff and students.

Usage Overview

Comparison Table

Solar Performance

EUI Map

Cost Overview

Comparison Chart

Estimated Savings

Interval Data

# 6. Extended Break Conservation Efforts

- Energy conservation reminder notices provided to all school administration to provide to teachers and office staff.
- Shutdown checklist provided to school administration to check out teachers for the summer.

## ENERGY CONSERVATION REMINDER SUMMER SHUTDOWN

Palm Springs Unified School District is working hard to conserve energy. Here's your reminder that the Summer Break is the most critical time of the year for conserving energy!

As you prepare for the well-deserved time off, please take a few minutes to ready your area for this vital shutdown.



Please use the list below to walk through your classroom or office area as you prepare to leave for summer:

Turn off, unplug or set back energy-using items.

Clean out and unplug refrigerators, microwaves, coffee makers, and other small appliances that have a light or (non-vital) clock.

Unplug doc-u-cams/projectors (after they have cooled down).

Unplug televisions, electric pencil sharpeners, personal clocks, and personal printers.

Unplug your computers and laptops

Close your blinds or shades before you leave for vacation.

Take home any animals in the classroom.

A shutdown checkoff list can be found at <https://www.ppsusd.us/Pages/2410>

Thank you for participating!

**PLEASE GIVE TO YOUR OFFICE MANAGER. THANKS!**  
Spring Break Shutdown Checklist

School: \_\_\_\_\_ Teacher and Room #: \_\_\_\_\_ Date: \_\_\_\_\_

Unplug, defrost, clean and leave refrigerator door open \_\_\_\_\_

Unplug personal classroom printer (Not district printers) \_\_\_\_\_

Unplug doc-u-cams/projectors (after it has cooled down) \_\_\_\_\_

Unplug Televisions and AVer TV's, microwaves, coffee pots, etc. \_\_\_\_\_

Unplug any other device, (sharpener, clocks, etc.) \_\_\_\_\_

Close your blinds or shades \_\_\_\_\_

Take your animals home if possible \_\_\_\_\_

Unplug lamps and candles \_\_\_\_\_

Turn off monitors if able to \_\_\_\_\_

**PLEASE UNPLUG ALL MOBILE CARTS (I-pads and laptops)** \_\_\_\_\_

**PLEASE UNPLUG COMPUTERS!!!** \_\_\_\_\_

THANK YOU ALL FOR YOUR COOPERATION AND SUPPORT AND HAVE A FANTASTIC SPRING BREAK!!  
Michele Laskero - [energy@psusd.us](mailto:energy@psusd.us)

**PLEASE GIVE TO YOUR OFFICE MANAGER. THANKS!**  
Spring Break Shutdown Checklist

School: \_\_\_\_\_ Teacher and Room #: \_\_\_\_\_ Date: \_\_\_\_\_

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Unplug any other device, (sharpener, non-vital clocks, etc.) \_\_\_\_\_

Close your blinds or shades \_\_\_\_\_

Take your animals home if possible \_\_\_\_\_

Unplug lamps and candles \_\_\_\_\_

Turn off monitors if able to \_\_\_\_\_

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THANK YOU ALL FOR YOUR COOPERATION AND SUPPORT AND HAVE A FANTASTIC SPRING BREAK!!  
Michele Laskero - [energy@psusd.us](mailto:energy@psusd.us)

Questions or  
comments?