



PUBLIC SAFETY POWER SHUTOFF (PSPS)

PREPAREDNESS PLANS

Marysville Joint Unified School District

Presented to the Board of Trustees December 17, 2019



AGENDA

- 2019/20 PSPS Events Review and Planning Results
- Educational Services:
 - Academic Planning
- Business Services:
 - Technology and Communications
 - Nutrition Services
 - Transportation
 - Purchasing
 - Facilities
 - Fiscal
- Next Steps



2019/20 PSPS REVIEW

SCHOOL CLOSURES DUE TO PUBLIC SAFETY POWER SHUTOFF (PSPS)

School Site	9/24/2019	9/25/2019	10/9/2019	10/10/2019	10/11/2019	10/24/2019	10/28/2019	10/29/2019	10/30/2019	11/20/2019
Browns Valley Elementary	X	X	X	X	X	X	X	X	X	X
Cordua Elementary			X	X						
Dobbins Elementary	X	X	X	X	X	X	X	X	X	X
Foothill Intermediate	X	X	X	X	X	X	X	X	X	X
Loma Rica Elementary	X	X	X	X	X	X	X	X	X	X
Yuba Feather Elementary	X	X	X	X						

We were able to hold school at Yuba Feather using the generator in place, after ensuring the safety of students and staff.

Cordua seems to be "off" the PSPS grid as of October 11th.

Browns Valley may be off the PSPS grid as of November 20th?



PREPARATION PLANNING RESULTS

- Safest place for students is at school
- Schools will remain open as much as possible and be prepared for outages
- 2020-21 School Calendar
 - Need to build in additional “make-up” school days (just in case...)
- Many possible scenarios – impossible to plan for all scenarios, but planning for several



ACADEMIC PLANNING

	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Shutdown	Day 7	Day 8	Day 9	Shutdown	Day 10		
English	Reading 1	Reading 2	Reading 3, Review Reading 2	Reading 4	Reading 5									
Math	Math 2.3	Math 3 (Project)				Math 4		Math 6						
History	History 2.2		History 3.1	History 4.5					History 7					
Science	Science 3.4	Science 3.6	Science 3.8					Science 4.4						
PE	PE 4					PE 6								
							Shutdown				Shutdown			
English	Reading 1	Reading 2	Reading 3, Review Reading 2							Reading 5				
Math	Math 2.3	Math 3 (Project)				Math 4		Math 6						
History	History 2.2		History 3.1	History 4.5					History 7					
Science	Science 3.4	Science 3.6	Science 3.8											
PE	PE 4					PE 6								

Considerations

- Packets and Supplemental hours
- Strategic calendaring
- Parent and District Roles



TECHNOLOGY

- All sites have at least one analog phone line which can be used during a power outage.
- Locations at sites are being identified where new circuits may be necessary to install increased emergency battery backup systems. The goal being to have at least 60 minutes of continuous power for voice, data, WiFi, and intercom systems running on battery backup alone. Battery backups will be installed at all MDF and IDF locations.
- Battery backup units will have built in notification features to notify district staff when power has gone out at the site.



COMMUNICATIONS

- Communicate with parents and staff as soon as possible when PSPS is announced
- Messages will be delivered using:
 - Phone Calls
 - Text Messages
 - Email
 - MJUSD Website
 - Possibly Social Media (Facebook, Instagram, etc.)
- Continued communications until PSPS is completed and all sites are open



NUTRITION SERVICES

- Students in schools will always be provided the opportunity for breakfast and lunch
 - Meals prepared off-site and delivered to the schools without power
 - Safety of food served is mandatory and high priority
- Foothill Intermediate School is the central production kitchen for meals served at Dobbins, Loma Rica, and Browns Valley
 - A generator is already in place and is being used to power cold storage facilities when power is down and for as long as necessary
 - Food production will be relocated to Kynoch Elementary School when meals are needed for any foothill school without power



NUTRITION SERVICES (CONTINUED)

- Emergency meal service (for kids 18 and under) available at Loma Rica and Dobbins Elementary Schools
 - California Department of Education has approved MJUSD to sponsor the Emergency Meal program so meals offered will be reimbursed
- In the event East Marysville has a power shut down:
 - District warehouse cold storage facility:
 - Needs back up power source, but currently has a rented generator to power only the compressors, not lights/fans or doors
 - Approximate current inventory value is \$200,000
 - Need cost estimate for fully functional back-up system
 - East Marysville schools kitchens' cold inventory comes to the district warehouse to prevent spoilage and loss of inventory



TRANSPORTATION

In the event of a PSPS and schools remain open:

- All routes will run as normal for schools that are open
- Dobbins Elementary students will be bussed to Yuba Feather Elementary
 - Parent meeting planned for January 2020
- Evacuation plans have been established for Yuba Feather Elementary with multiple evacuation routes
- Radio transmission tower is connected to generator to ensure all transportation communications will be operational
- All buses have access to fuel



FACILITIES

Browns Valley Elementary		Dobbins Elementary	
Generator Size 450KW	\$130,000	Generator Size 600KW	\$150,000
Transfer Switch	\$20,000	Transfer Switch	\$20,000
Electrical Labor	\$50,000	Electrical Labor	\$50,000
Site Work	\$50,000	Site Work	\$50,000
Total Estimate	\$250,000	Total Estimate	\$270,000

Soft costs not included in above cost estimates



FACILITIES (CONTINUED)

Foothill Intermediate		Loma Rica Elementary	
Generator Size 1500KW	\$250,000	Generator Size 300KW	\$120,000
Transfer Switch	\$25,000	Transfer Switch	\$20,000
Electrical Labor	\$60,000	Electrical Labor	\$50,000
Site Work	\$60,000	Site Work	\$50,000
Total Estimate	\$395,000	Total Estimate	\$240,000

Soft costs not included in above cost estimates



PURCHASING

- MJUSD follows CUPCAA guidelines (California Uniform Public Construction Cost Accounting Act)
- Small towable generators under \$92,600 can be negotiated
- Installation of permanent generators are a public works project and fall under the Public Contract Code:
 - Projects under \$60,000 can be negotiated
 - Projects that exceed \$60,000 must go out for bid
 - Process of bidding generally takes 45 days from receipt of project specifications to award of contract at next Board meeting



FISCAL

2019/20 Budget

- No loss of revenue - anticipate approval of all closure days in 2019/20 through submission of J13 waiver applications to California Department of Education
- Possible funding for generators from California Department of Education
 - Amount to be determined (if any)

2020/21 Budget

- Recommend expenses be budgeted for PSPS site support – amount to be determined



FISCAL (CONTINUED)

2019/20 Current Year Fiscal Impact on Nutrition Services

- \$22,000 loss of revenue from federal and state meal claims
- \$1,000 food loss
- \$5,000 generator costs (including rental and contractor costs)

2020/21 Future Costs to Nutrition Services

- 400 amp generator – to be determined
- \$19,000 contractor fee

NEXT STEPS...

- Continue planning to keep schools open during PSPS events (e.g. lighting, water, toilets, etc.)
- Continue to plan for generators
- Build in make-up days in the 2020/21 student calendar
- Update on preparedness progress at the next Board meeting on January 28, 2020, and once monthly throughout 2020





Thank you

Questions?