



UNITED INDEPENDENT SCHOOL DISTRICT INFORMATIONAL ITEM

TOPIC: Consolidated Summary Report of UISD Districtwide Facilities Damages Resulting from

Extreme Inclement Weather Experienced During the February 13 - 19, 2021 Winter Storm URI

SUBMITTED BY: Enrique Rangel, P.E. **OF:** Assistant Superintendent for Facilities & Construction

APPROVED FOR TRANSMITTAL TO SCHOOL BOARD: March 4, 2021

DATE ASSIGNED FOR BOARD CONSIDERATION: March 4, 2021

RATIONALE:

See Attached Consolidated Summary Report Exhibit, detailing damages to UISD districtwide Facilities at various school campuses and departments that resulted from the extreme freezing inclement weather conditions experienced during Winter Storm URI, lasting from February 13 through February 19, 2021.

Additionally, an attached Exhibit: Report of Electrical Power Interruptions for United ISD Campuses and Departments, as provided by AEP Texas, outlines all the school campuses and departments that experienced power interruptions during this same time period of the Winter Storm Uri.

All Student Support Services Departments continue their team effort in assessing and repairing all facilities and equipment damages as a high priority activity, to ensure a swift and safe completion. Therefore, this consolidated report will continue to be updated, as additional reports are obtained and evaluated, in a continued process of establishing a final satisfactory resolution to any disruptions.

BUDGETARY INFORMATION: See Attached Exhibits

POLICY REFERENCE & COMPLIANCE: CV

Report of Electrical Power Interruptions for United ISD School Campuses and Departments

26-Feb-2021

	School	Monday 15-Feb-21	Tuesday 16-Feb-21	Wednesday 17-Feb-21	Thursday 18-Feb-21	Friday 19-Feb-21	Comments
1	Alexander HS (Main)	Out at 2:02 a.m.,			Fully restored at 4:02 p.m.		
2	LB Johnson HS (Main)	Out at 11:08 a.m.			Fully restored at 5:10 a.m.		
3	LB Johnson HS 9th Grade	Out at 11:08 a.m.			Fully restored at 5:10 a.m.		
4	United South HS 9th Grade	Out at 1:33 a.m., restored at 1:32 p.m.					
5	S.T.E.P. Academy	Out at 2:12 a.m. or out at 12:49 p.m.		Restored at 5:00 p.m.	Could be 5:07 p.m.		Approximate times: feeder went out several times, but did not include all customers all the time.
6	Lamar Bruni Vergara MS	Out at 11:08 a.m.			Fully restored at 5:10 a.m.		
7	Salvador Garcia MS	Out at 2:07 a.m.			Fully restored at 12:37 p.m.		
8	Juarez-Lincoln at DD Hachar ES	Out at 2:07 a.m.			Fully restored at 12:37 p.m.		
9	Killam ES	Out at 9:48 a.m.		Fully restored at 12:51	Could be 5:07 p.m.		Approximate times: feeder went out several times, but did not include all customers all the time.
10	Newman ES	Out at 3:50 a.m.	Fully restored at 2:06 a.m.				
11	Salinas ES	Out at 12:49 a.m.		Fully restored at 5:00 p.m.			
12	Veterans Memorial ES	Out at 11:08 a.m.			Fully restored at 5:10 a.m.		
13	Centeno ES	Out at 2:13 a.m.		Fully restored at 7:52 p.m.			
14	Cuellar ES	Out at 9:48 a.m.		Fully restored at 12:51	Could be 5:07 p.m.		Approximate times: feeder went out several times, but did not include all customers all the time.
15	Gale Facilities & Support Service Center						
16	Saunders Support Service Center, Purchasing, & Tax Office	Out at 4:12 p.m.			Fully restored at 4:12 a.m.		
17	Food Production Center	Out at 9:48 a.m.		Fully restored at 12:51	Could be 5:07 p.m.		Approximate times: feeder went out several times, but did not include all customers all the time.

Source: AEP Texas Customer Account Senior Manager - Paulino Lucio III

Facilities Dept. and Energy Dept.
Consolidated Summary Report of District Wide Facilities Damages
Caused by February 2021 Winter Storm
UPDATED: 2/26/21

Maintenance and Operations
HVAC/EMS
Food Service Department

School/Department	Issue/Request	Date of request	Repair Description	STATUS of Repairs	Estimated Repair Costs
Arndt Elementary					
Borchers Elementary	Water leak room #32 WO#1005988	2/15/2021	Waterline shut off in classroom	Work In Progress	\$266.48
	Irrigation leak WO#1005871	2/15/2021	Irrigation line repaired	Complete	\$383.00
	Outside courtyard water fountain leaks	2/15/2021	Shut off	Work In Progress	\$658.10
	Outside window of conference room broken	2/19/2021	Installation of new glass window to be ordered through approved vendor	Work In Progress	\$191.49
	AHU 29 WO#1005886		Bad blower wheel and motor damaged. Need to order.	Work In Progress	\$216.98
Centeno Elementary					
Clark Elementary	Two broken waterlines outside of cafeteria next to	2/17/2021	Water valve shut off	Work In Progress	\$308.10
Colonel Santos Benavides Elementary					
Cuellar Elementary	No power to campus	2/16/2021	Power restored on 2/18/21	Complete	Not Applicable
De Llano Elementary	Water fountain leaking outside of room#1 WO#1005819	2/17/2021	Shut off	Work In Progress	\$708.10
Fasken Elementary	Water pipe leak running into administration office WO#1005889	2/19/2021	Waterline shut off	Work In Progress	\$462.15
	Water leak between wall WO#1005931	2/19/2021		Need Assessment	
Finley Elementary					
Freedom Elementary	Low water pressure	2/19/2021	City of Laredo working on issues related to water lines	Complete	Not Applicable
B.Garcia Elementary	Water leak behind gym (1/2in pipe to portable leaking) WO#1005924	2/17/2021	Water valve shut off	Work In Progress	\$358.10
	No power to campus	2/16/2021	Power restored on 2/18/21	Complete	Not Applicable
Gutierrez Elementary	Water leak outside next to water tank WO#1005891	2/15/2021	Water valve shut off	Work In Progress	\$391.88
	Water leak behind cafeteria WO#1005771	2/17/2021	Water valve shut off	Work In Progress	\$232.49
Juarez/Lincoln at D.D. Hachar Elementary	Leak found at mechanical room located in gym. WO#1005856	2/16/2021	As per Energy dept. AHU 16 shutoff and isolated. Scheduled to be inspected and repaired by HVAC contractor on 02/22/21	Work In Progress	\$266.48
	Request for generator WO#106039 and 1006037	2/17/2021	Supplied by Maintenance	Complete	\$190.37
	No power to campus	2/16/2021	Power restored on 2/18/21	Complete	
	AHU-16		AHU Coil Replacement	Work In Progress	\$11,375.00
Kazen Elementary	Leaking water line for AHU 16 WO#1005990	2/16/2021	Water leak on chillwater coil frozen. Contractor Sunbel to	Work In Progress	Included Above
	Hose bib located outside of cafeteria leaking WO#1005909	2/15/2021	Water valve shut off	Work In Progress	\$366.48
Kennedy-Zapata Elementary	No power to campus	2/16/2021	Power restored on 2/18/21	Complete	Not applicable
Killam Elementary	No power to campus	2/16/2021	Power restored on 2/18/21	Complete	Not applicable
	Outside hose bib leaking WO#1005813	2/18/2021	Water valve shut off	Work In Progress	\$366.48
Malakoff Elementary	Irrigation tank leak WO#1005773	2/15/2021	Repaired line	Complete	\$216.07
	Outside drinking water fountain copper line broken WO#1005818	2/19/2021	Shut off	Work In Progress	\$708.10
Muller Elementary	Broken irrigation line in back of school	2/24/2021	Leak found when irrigation timers were turned back on.	Work In Progress	\$100.00

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Newman Elementary	No power to campus	2/16/2021	Power restored on 2/18/21	Complete	Not applicable
Nye Elementary					
Perez Elementary	Irrigation line leaking WO#1006550	2/15/2021	Shut off	Work In Progress	\$225.00
	Hose bib located outside of cafeteria leaking WO#1005746	2/15/2021	Shut off	Work In Progress	\$408.10
Prada Elementary	Outside drinking water fountain leaking at water line	2/19/2021	Repair pending	Work In Progress	\$708.10
	AHU 18 heaters not working WO#1005979		Need replace electrical circuit breaker.	Work In Progress	\$3,500.00
Roosevelt Elementary					
Ruiz Elementary	No power to campus	2/16/2021	Power restored on 2/18/21	Complete	Not Applicable
Salinas Elementary	Domestic back flow leaking (located in front of campus) WO#1005868	2/15/2021	Reported to Construction Dept. Contractor repaired on 02/18/21	Complete	\$416.20
	No power to campus	2/16/2021	Power restored on 2/18/21	Complete	
	Leak inside cafeteria WO#1005866	2/18/2021	Valve above ceiling repaired	Complete	\$358.10
San Isidro Elementary					
Trautmann Elementary					
Veterans Memorial Elementary	No power to campus	2/16/2021	Power restored on 2/18/21	Complete	Not Applicable
Zaffirini Elementary					
Bruni Vergara Middle	Leak on irrigation back flow WO#1005880	2/15/2021	Temporarily shut off. Cut off valve leaking to be changed	Work In Progress	\$525.00
	No power to campus	2/16/2021	Power restored on 2/18/21	Complete	Not Applicable
	No hot water at cafeteria (water heater)	2/19/2021	Water heater was restarted	Complete	\$358.10
Clark Middle	Room #40 water leak WO#1005768	2/16/2021	Water line at classroom shut off	Work In Progress	\$223.88
	FCU 01 valve and actuator are damaged		Will request quote from sunbelt	Work In Progress	\$2,835.00
	Chiller 01 leak WO#1005991	2/15/2021	Water leak on differential water pressure switch caused	Complete	\$200.00
	Water leak in room # 40 WO#1005980	2/16/2021	Cold water pipe leaking in the room 40 sink HVAC installed	Work In Progress	
Elias Herrera	Irrigation tank located by field house leaking WO#1005925	2/15/2021	Temporarily shut off. Pending water pump connection.	Work In Progress	\$618.97
	Chiller 1 2 Isolation Valves				\$9,000.00
	RTU LR 01 RTU LR 02 WO#1005893		Need Trane to troubleshoot.	Work In Progress	\$400.00
S. Garcia Middle	No power to campus	2/16/2021	Power restored on 2/18/21	Complete	Not Applicable
Gonzalez Middle	Outside hose bib leaking	2/17/2021	Repaired	Complete	\$220.13
Los Obispos Middle	Leak in mechanical room WO#1005920	2/18/2021	Water shut off valve closed	Work In Progress	\$248.21
	Roof leak between library and hallway	2/22/2021	Roofing contractor to be notified. Under warranty.	Work In Progress	Under Warranty
Raul Perales Middle	Low water pressure	2/19/2021	City of Laredo working on issues related to water lines affecting the area of HWY359 As of 2/21/21 pressure was restored	Complete	\$45.18
Trautmann Middle	Water line leaking in 200 wing to outside WO#1005922	2/16/2021	Water shut off at valve	No	\$469.88
United Middle					

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United Middle 6th Campus	Water leak outside of campus on west side (hose bib)	2/16/2021	Repaired	Complete	\$1,012.15
	AHU 01 has coil leak WO#1005905		Will request quote from Sunbelt to repair leak. AHU3 servicing the affected area (gym).	Work In Progress	\$2,500.00
United South Middle	Water leak behind vocational building	2/19/2021	Water shut off at valve	Work In Progress	\$408.10
Washington Middle	Damage to portable RR	2/19/2021	New VCT, ceiling grid, ceiling tiles, and light fixtures	Work In Progress	\$9,068.10
	AHU 22 compressor damaged WO#1005942		Need to request quotes	Work In Progress	\$29,000.00
J.B. Alexander High	Water heater at cafeteria not working WO#1005950	2/16/2021	Repaired	Complete	\$2,812.15
	Hose bib outside of large gym leaking WO#1005839	2/16/2021	Repaired	Complete	\$366.48
	Green house line leaking WO#1005934	2/16/2021	Repaired	Complete	\$360.00
	Softball field irrigation line leak WO#1005935	2/19/2021	Pending replacement of gauge.	Work In Progress	\$538.10
	Electrical breakers needed to be reset for AHUs	2/19/2021	Electricians reset breakers	Complete	\$63.00
	Chiller 6 damaged isolation valves	2/18/2021	Chill water leaks on isolation valves. Quote Sunbelt	Work In Progress	\$4,250.00
	Chiller 5 main pipe for water make up broken and leaking WO#1005947	2/18/2021	Water supply pipe servicing chiller broke caused by low temperature in new gym area. In House	Complete	\$300.00
AHS 9th Grade Campus	Damaged/wet ceiling tiles in storage WO#1005747 and in	2/16/2021	Change ceiling tiles/clean up	Work In Progress	\$113.00
	Chillers 1,2,4, water make up damaged	2/17/2021	Chill water leaks on water make up cause by low temperature.	Work In Progress	
Lyndon B. Johnson High	No power to campus	2/18/2021	Power restored on 2/18/21	Complete	Not Applicable
	Water leak in three main chiller lines WO#1005780	2/16/2021	Repaired	Complete	\$912.15
	Water fountain leaking WO#1005984 and 1005986	2/18/2021	Shut off	Work In Progress	\$708.10
	Chiller 3 needs refrigerant charge and pump pending to be installed.		Still under repair by Trane, to be contacted. Chillers 1 and 2 to carry load.	Work In Progress	\$5,725.00
	Chiller 5 control board to be replaced		PO issued to Trane for troubleshooting and repair. Sunbelt Air Conditioning inspected and recommended replacing coil.	Work In Progress	\$3,568.00
	Broken chill water coil AHU 03 WO#1005992	2/18/2021		Complete	\$6,550.00
	Chiller 04 make up water pipe broken WO#1005841	2/18/2021	Repaired	Complete	
	Chiller 05 make up water pipe broken WO#1005993	2/18/2021	Repaired	Complete	
LBJHS 9th Grade Campus	Leaks at chiller area	2/15/2021	Repaired in house. Construction department to	Complete	\$912.15
	Chiller 1,2, and 4 make up backflow preventer damaged	2/18/2021	Construction Department to take care of it with Contractor	Work In Progress	
	Chiller 3 make up backflow preventer damaged	2/18/2021	Construction Department to take care of it with Contractor	Work In Progress	
United High	Water leak outside WO#1006134 and 1005686	2/15/2021	Repaired	Complete	\$508.10
UHS 9th Grade Campus					
United South High	Green house line leaking WO#1006114	2/15/2021	Repaired	Complete	\$392.33
	Irrigation tank leaking WO#1005846	2/16/2021	Repaired	Complete	\$440.02
	Chill water plant air separator tank damaged WO#1006727	2/24/2021	Temporary repair done 2/25/21 to be able to turn on chillers 1 and 2	Work In Progress	\$27,000.00
	Chiller 6 water make up damaged WO#1005994	2/15/2021	Repaired	Complete	

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USHS 9th Grade Campus	Man hole backing up	2/17/2021	City of Laredo repaired	Complete	\$78.66
	Water leak at mechanical where chillers are located	2/15/2021	Reported to contractor through Construction Dept.	Work In Progress	\$640.26
	Water leak in room #114	2/19/2021	Water valve temporarily shut off	Work In Progress	\$200.00
	Fire Sprinkler Water tank leak WO#1005872	2/19/2021	Backflow temporarily shut off. Contractor Allied Fire Protection to be contracted.	Work In Progress	\$1,207.56
	AHU 9A coil has several leaks		Sunbelt Air Conditioning Inspected the unit and recommends replacing the coil	Work In Progress	\$6,225.00
	Chill water coil broken AHU 9A	2/19/2021	Same as above	Work In Progress	
	Water leak from AHU 9 WO#1005825		Wet ceiling tiles to be changed	Need Assessment	
	Chillers 1,2,4 water make up damaged	2/18/2021	Construction Department to take care of it with Contractor	Work In Progress	
	Chiller 3 water make up damaged	2/18/2021	Construction Department to take care of it with Contractor	Work In Progress	
STEP Academy					
Facilities at Gale	Broken water line located by filters WO#1005854	2/16/2021	Repaired	Complete	\$512.15
	Hose bib located in parking lot leaking WO#1005851	2/16/2021	Repaired	Complete	\$366.48
	No power	2/16/2021	Power was restored on 2/18/21	Complete	Not Applicable
	PVC water line broken (filters damaged) WO#1005996	2/16/2021	Repaired	Complete	
Saunders Service Center	Water lines outside of building leaking	2/16/2021	Shut off	Work In Progress	\$666.20
	No power	2/16/2021	Power was restored on 2/18/21	Complete	Not Applicable
UISD Central Office	Federal Programs leak outside behind portable building WO#1005910	2/15/2021	Shut off	Work In Progress	\$458.10
	Water leak outside of Technology department WO#1005906	2/15/2021	Shut off	Work In Progress	\$458.10
	Water leak caused by water heater in Technology Department WO#1005908	2/16/2021	Repaired	Complete	\$2,698.30
Child Nutrition Department	Fire sprinkler line broken WO#1006098	2/17/2021	Repaired by Allied Fire Protection	Complete	\$3,120.23
	Replacement of two electrical switches feeding technology equipment inside of Child Nutrition Dept. portable needed		Replaced by Technology Department	Complete	\$5,471.98
	Coil of walk in freezer frozen due to weather change		Coil kit to be ordered from approved vendor RM Refrigeration Supply	Work In Progress	\$89.48
	Evaporative motor of walk in freezer wore out and needs to be replaced		New evaporative motor to be ordered from approved vendor RM Refrigeration Supply	Work In Progress	\$536.75
	PVC water line broken located under portables Child Nutrition Dept.	2/22/2021	Repaired by Child Nutrition Maintenance personnel	Complete	\$52.33
	Repairs needed on steam line, steam condensate line, and boiler number 2		Request for repair of damages to be done by approved vendor Cleaver Brooks	Work In Progress	\$97,000.00

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North Transportation	Leak by bay wash area WO#1005948	2/15/2021	Shut off	Work In Progress	\$549.72
	DX-2 compressor damaged		Compressor has been ordered	Work In Progress	\$1,102.00
South Transportation	Domestic main line broken	2/20/2021	Broken line repaired	Complete	\$1,249.72
	Leak at bay wash area	2/20/2021	Shut off	Work In Progress	\$1,166.48
Police/Brantley Hall	Water leak WO#1005875	2/15/2021	Water valve closed	Work In Progress	\$289.50
SAC	Water leak behind home side bleachers WO#1005911	2/17/2021	Hose bib was repaired	Complete	\$282.00
	Water leak on domestic backflow	2/23/2021	Backflow kit to replace gauge has been ordered. Minimal leak.	Work In Progress	\$408.10
Kruegar Field	Water leak WO#1005998	2/16/2021	Water valve temporarily closed. Pending install of new water pump.	Work In Progress	\$458.10

Total Estimated	\$261,319.93
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