AEP WEATHER ALERT

AEP West Utilities

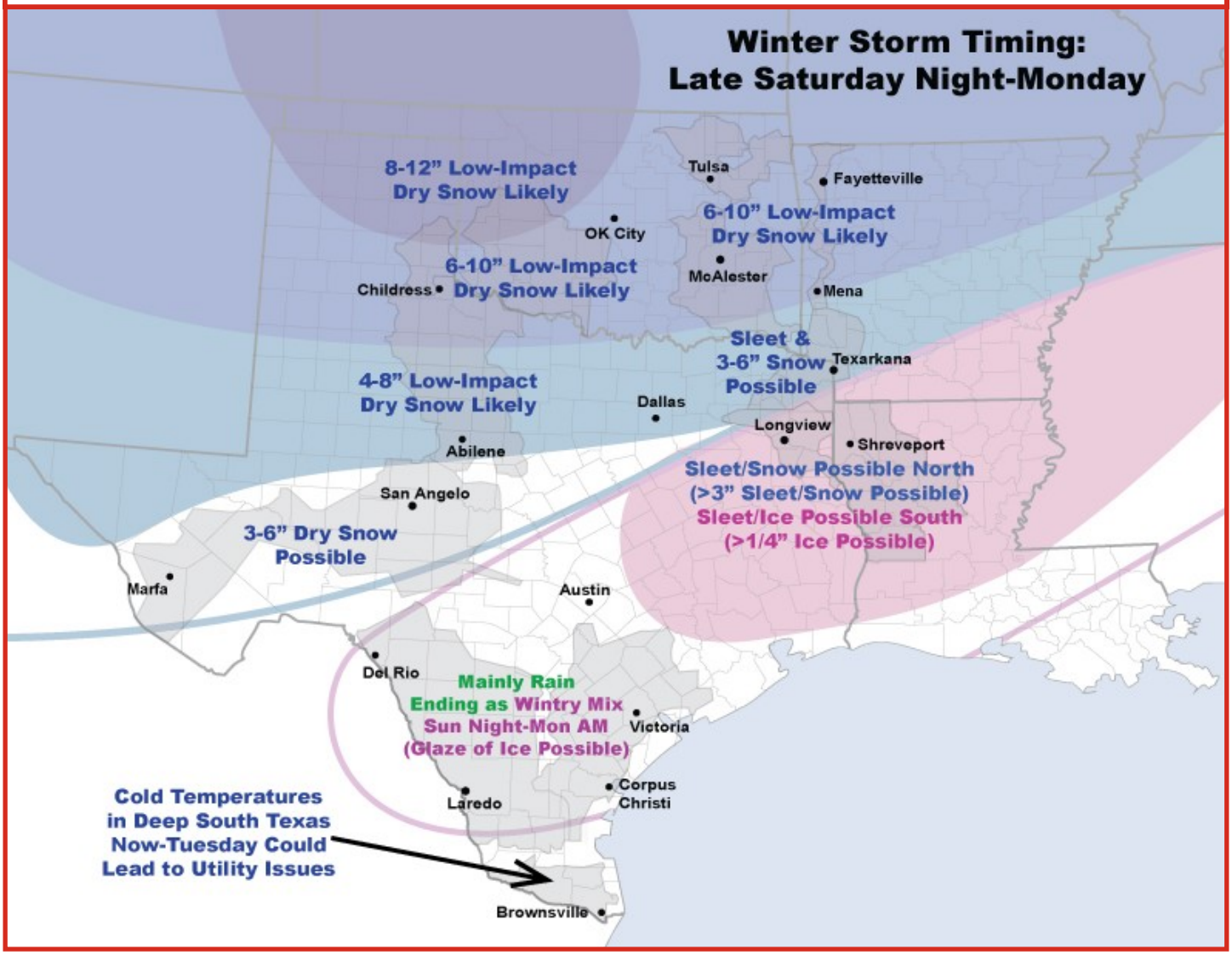
Issued: Friday, February 12, 2021 ● Meteorologist: M. Klee

Next Update: 8:30am CST Saturday

***** Winter Storm Takes Aim on AEP's West Utilities Late Sat Night-Monday *****

***** Many Inches of Low-Impact, Dry Snow Likely in PSO, N.W. AEP Texas & N. SWEPCO *****

***** Winter Mix of Sleet, Snow & Ice Possible in S. SWEPCO May Cause Utility Issues *****



AEP Weather Alert Discussion

***** Winter Storm Takes Aim on AEP's West Utilities Late Sat Night-Monday *****

***** Many Inches of Low-Impact, Dry Snow Likely in PSO, N.W. AEP Texas & N. SWEPCO *****

***** Winter Mix of Sleet, Snow & Ice Possible in S. SWEPCO May Cause Utility Issues *****

Discussion: A winter storm is expected to take aim on AEP's West Utilities this weekend into early next week and bring with it snow, sleet, ice, and record-breaking, cold temperatures.

A light wintry mix and/or freezing fog continues in portions of PSO and AEP Texas today into Saturday. Any additional ice accumulations or ice riming (from freezing fog) should remain minimal and non-impactful.

Focus then shifts to the incoming winter storm. Precipitation is expected to pickup late Saturday night or early Sunday morning. Snow will begin to accumulate quickly in PSO and the Texas Panhandle while a wintry mix of sleet and freezing rain starts to fall in central and northeastern Texas. Precipitation is expected to come in two waves, the initial wave coming late Saturday night-Sunday and the second coming Sunday night-Monday. Lulls in precipitation are possible—especially in SWEPCO on Monday.

PSO, N.W. AEP Texas, N. SWEPCO: Very cold temperatures will filter into AEP's West Utilities as an arctic air mass pushes south. This means that snow in PSO, AEP Texas, and SWEPCO's Fayetteville and Texas Panhandle Districts will be a very dry snow...leading to *minimal* utility issues. Winds will be gusty during the event from the NNE sustained at 14-24 mph. This may lead to white-out conditions.

S. SWEPCO: The forecast gets tricky for southern portions of SWEPCO with this storm. A wintry mix is forecast but details on precipitation type are not yet known. AEP Meteorologists believe greater than 3" of sleet and/or snow is possible in the Texarkana, N. Longview and N. Shreveport Districts and greater than 1/4" of ice is possible in S. Longview, S. Shreveport and Valley Districts. Ice accumulations are the biggest threat to the utility as sleet bounces off trees and power lines. Areas that receive an extended period of freezing rain will have the greatest risk for utility problems. Right now, the AEP Meteorologists believe the best chance of this occurring is in southern portions of Shreveport District and possibly the Valley District. It is too soon to know if this includes the City of Shreveport. NNE winds during the event will be sustained at 10-20 mph.

S. AEP Texas: Very cold, unseasonable temperatures are in place in Deep South Texas for the next several days. High temperatures in the low-40s°F in AEP Texas's Rio Grande Valley District could lead to some utility problems from stress of the electrical grid due to heating. The coldest day appears to be Monday where high temperatures may not reach 40°F. Wind chills will make it feel even colder. There is also a chance that rain changes to a wintry mix of sleet and/or freezing rain late Sunday night-Monday morning. Light amounts of sleet and a glaze of ice is possible in AEP Texas's Laredo and Corpus Christi Districts.

This AEP Weather Alert (including any attachments) contains utility-specific forecast information for AEP and its Operating Companies in the AEP system. AEP is not responsible for the accuracy, adequacy, completeness, or timeliness of any information and is not responsible for any errors or omissions. In no event will AEP be liable to you or to any third party for any direct, indirect, incidental, consequential, special, or exemplary damages or lost profits resulting from misuse of this forecast. If you are not the intended recipient, you should delete this message and are hereby notified that any disclosure, copying, or distribution of this message, or the taking of any action on it, is strictly prohibited.

AEP Confidential—Shared and Regulated Employees Only

AEP Weather Alert Threat Table

PSO

Districts	Weather Event	Prob	Time
N. Lawton	8-12” Low-Impact, Dry Snow Likely	70%	3am Late Sat Night—3am Late Sun Night
S. Lawton, Tulsa, McAlester	6-10” Low-Impact, Dry Snow	70%	3am Late Sat Night—2pm Mon

SWEPCO

Districts	Weather Event	Prob	Time
Fayetteville	6-10” Low-Impact, Dry Snow Likely	70%	5am Sun Morning—5pm Mon
Texarkana	Sleet & 3-6” Snow Possible	50%	4am Sun Moring—1pm Mon
N. Longview, N. Shreveport	Wintry Mix of Sleet and Snow >3” Snow Possible	50%	4am Sun Morning—12pm Mon
S. Longview, S. Shreveport, Valley	Wintry Mix of Sleet and Ice >1/4” Ice Possible	50%	2am Late Sat Night—11am Mon
N. Texas Panhandle	8-12” Low-Impact, Dry Snow Likely	70%	3am Late Sat Night—10pm Sun Night
S. Texas Panhandle	6-10” Low-Impact, Dry Snow Likely	70%	3am Late Sat Night—1am Late Sun Night

AEP Texas

Districts	Weather Event	Prob	Time
N. Abilene	6-10” Low-Impact, Dry Snow Likely	70%	5am Sun Morning—3am Late Sun Night
S. Abilene	4-8” Low-Impact, Dry Snow Likely	60%	6am Sun Morning—3am Late Sun Night

AEP Confidential—Shared and Regulated Employees Only

AEP WEATHER ALERT

AEP West Utilities

Issued: Saturday, February 13, 2021 ● Meteorologist: E. Kieser

AMERICAN ELECTRIC POWER
BOUNDLESS ENERGY

Next Update: 8:30am CST Sunday

***** Winter Storm in AEP's West Utilities Late Tonight-Monday *****

***** More Than 1/4" Ice Possible in SWEPCO's Valley District Sunday Night-Monday *****

***** Cold Wave in Deep South AEP Texas Today-Tuesday Morning *****

AEP Weather Alert Discussion

***** Winter Storm in AEP's West Utilities Late Tonight-Monday *****

***** More Than 1/4" Ice Possible in SWEPCO's Valley District Sunday Night-Monday*****

***** Cold Wave in Deep South AEP Texas Today-Tuesday Morning *****

Discussion: A winter storm will impact AEP's West Utilities tonight-Tuesday. For PSO, northern SWEPCO, and western AEP Texas lots of dry snow and low wind chills will produce hazardous conditions, but little impacts to power lines. The greatest risk for utility issues will come from the potential of moderate ice in SWEPCO's Valley District, mainly Sunday night into Monday morning, and from a cold wave in Deep South AEP Texas through Tuesday morning.

Winter precipitation is expected to come in two waves. Snow is expected to pickup late tonight in West Texas and PSO while a light wintry mix of sleet and freezing rain starts to fall in central and northeastern Texas and spread into SWEPCO toward morning. Little utility impact is expected from this first wave that tapers off during the afternoon on Sunday. The second wave will come Sunday night-Monday, and that brings the potential for higher amounts of winter precipitation in SWEPCO, including the potential for more than 1/4" of ice in the Valley District.

PSO, West AEP Texas, N. SWEPCO: Very cold temperatures will filter in as an arctic air mass pushes south. Consequently, snow in PSO, AEP Texas, and SWEPCO's Fayetteville and Texas Panhandle Districts will be a very dry...leading to *minimal* utility issues. Winds will be gusty during the event from the NNE sustained at 14-24 mph. This may lead to white-out conditions. Wind chills will drop well below zero.

S. SWEPCO: A wintry mix is forecast. Primary sleet and snow (not wet) is expected in the Texarkana, Shreveport, and Longview Districts. Generally 3-7" of accumulation is expected by midday Monday leading to hazardous travel and some utility issues. Usually, major utility issues do not occur with a mix of sleet and snow. The greatest concern for freezing rain and potentially more than 1/4" of ice is in the Valley District, primarily Sunday into Monday. It is not yet certain whether there will be impactful ice. It is possible that greater accumulations of ice occur just south of SWEPCO.

S. AEP Texas: Very cold, unseasonable temperatures are in place in Deep South Texas for the next several days. High temperatures in the upper 30s-low-40s°F in AEP Texas's Rio Grande Valley District today -Monday and temperature near-below freezing through the day on Monday in the southern Corpus Christi and southern Laredo Districts could lead to some utility problems from stress of the electrical grid due increased heating load. The coldest period of weather is expected late Sunday night through Tuesday morning. Wind chills will make it feel even colder. There is also a chance that rain changes to a wintry mix of sleet and/or freezing rain late Sunday night-Monday morning. Light amounts of sleet and a glaze of ice is possible in AEP Texas's Laredo and Corpus Christi Districts.

This AEP Weather Alert (including any attachments) contains utility-specific forecast information for AEP and its Operating Companies in the AEP system. AEP is not responsible for the accuracy, adequacy, completeness, or timeliness of any information and is not responsible for any errors or omissions. In no event will AEP be liable to you or to any third party for any direct, indirect, incidental, consequential, special, or exemplary damages or lost profits resulting from misuse of this forecast. If you are not the intended recipient, you should delete this message and are hereby notified that any disclosure, copying, or distribution of this message, or the taking of any action on it, is strictly prohibited.

AEP Confidential—Shared and Regulated Employees Only

AEP Weather Alert Threat Table

PSO

Districts	Weather Event	Prob	Time
Lawton	6-12” Low-Impact, Dry Snow	80%	2am Tonight - 3am Late Sun Night
Tulsa, McAlester	5-10” Low-Impact, Dry Snow	80%	3am Late Tonight - 10am Mon

SWEPCO

Districts	Weather Event	Prob	Time
Fayetteville	4-8” Low-Impact, Dry Snow	80%	7am Sun Morning - 1pm Mon
Texarkana, Longview, Shreveport	Sleet & 3-7” Snow	80%	3am Late Tonight - 3pm Mon
Valley	Wintry Mix of Sleet and FZ Rain >1/4” Ice Possible	80% 50%	3am Late Tonight - 3pm Mon
Texas Panhandle	6-12” Low-Impact, Dry Snow	80%	1am Tonight - 11pm Sun Night

AEP Texas

Districts	Weather Event	Prob	Time
N. Abilene	5-10” Low-Impact, Dry Snow	80%	3am Late Tonight - 3am Late Sun Night
S. Abilene/N. San Angelo	3-7” Low-Impact, Dry Snow	80%	7am Sun Morning - 3am Late Sun Night
S. Laredo, S. Corpus Christi, Rio Grande Valley	Cold Wave (See Next Page)	80%	Now - Tuesday Morning

AEP Weather Alert South Texas Forecast

Corpus Christi

	Low	High	Wind	Weather
Saturday	33	36	NW 12-18 G 22 mph	Cloudy with Showers
Sunday	32	41	N 12-18 G 22 mph	Cloudy with Showers
Monday	22	32	NNW 18-25 G 32 mph	Winter Mix Morning, Cloudy PM
Tuesday	17	42	N 7-14 mph	Mostly Sunny

Laredo

	Low	High	Wind	Weather
Saturday	35	35	NNE 8-16 mph	Cloudy, Chance of Showers
Sunday	31	39	N 6-12 mph	Cloudy, Chance of Showers
Monday	24	35	NNW 12-20, G 25 mph	Winter Mix Early, Then Mostly Sunny
Tuesday	21	48	ENE 7-14 mph	Sunny

McAllen

	Low	High	Wind	Weather
Saturday	38	39	N 8-14 mph	Cloudy, Chance of Showers
Sunday	36	44	NW 5-10 mph	Cloudy, Periods of Rain
Monday	31	39	NNW 14-24 mph	Rain and Sleet AM, Gradual Clearing PM
Tuesday	26	49	NNE 5-10 mph	Mostly Sunny

Brownsville

	Low	High	Wind	Weather
Saturday	39	40	NW 10-18 G 22 mph	Cloudy, Chance of Showers
Sunday	36	46	NW 7-14 mph	Cloudy, Periods of Rain
Monday	30	37	NW 17-25 G 32 mph	Freezing Rain /Sleet Early, Clearing Late
Tuesday	29	51	NNW 6-12 mph	Partly Sunny

AEP Confidential—Shared and Regulated Employees Only

AEP WEATHER ALERT

AEP West Utilities

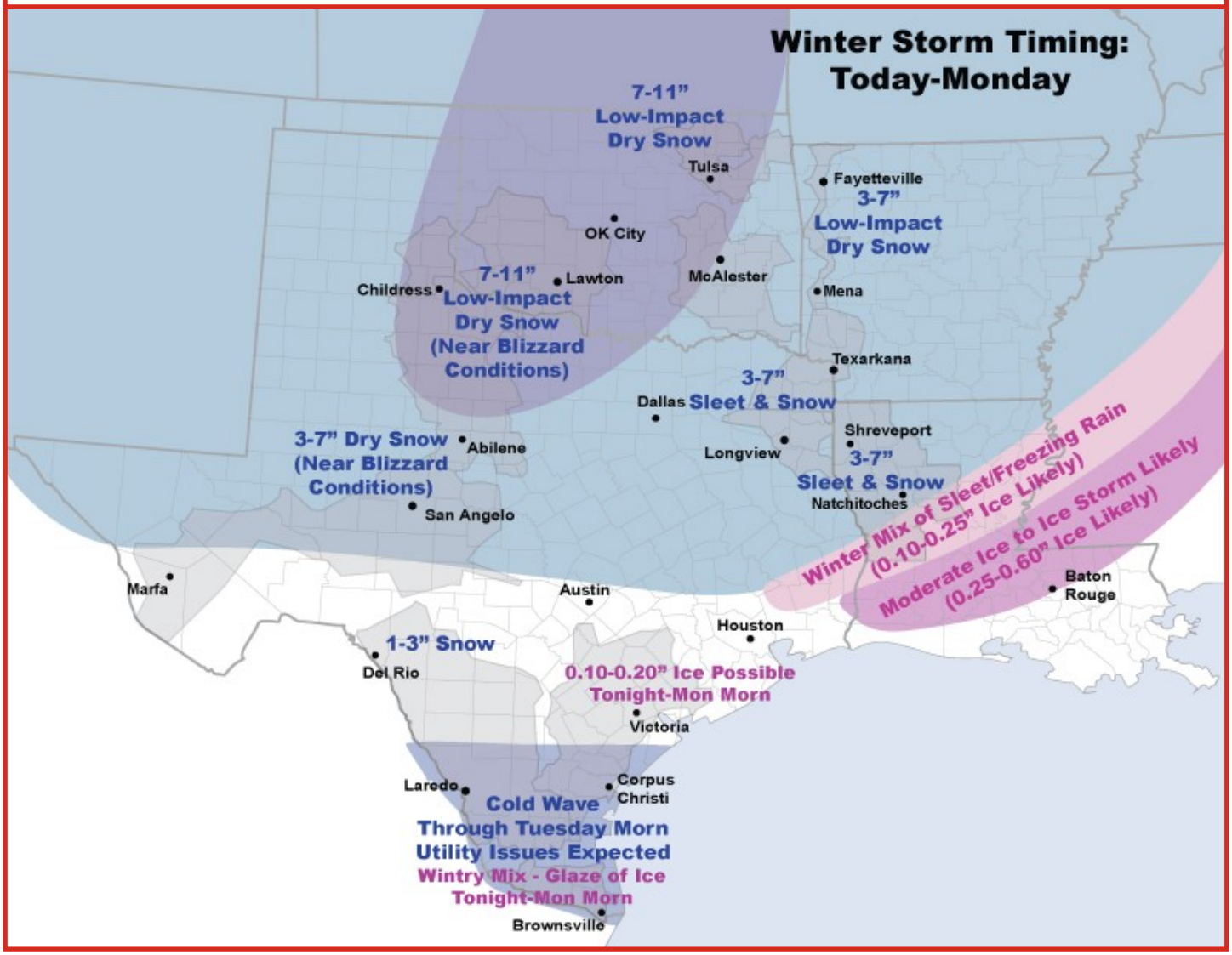
Issued: Sunday, February 14, 2021 ● Meteorologist: E. Kieser

Next Update: 8:30am CST Monday

***** Winter Storm w/ Mostly Low Utility Impact Precip in AEP's West Utilities Today-Mon *****

***** Impactful Cold Wave in Deep South AEP Texas Through Tuesday Morning *****

***** Ice Threat Reduced in SWEPCO's Valley District *****



AEP Weather Alert Discussion

***** Winter Storm w/ Mostly Low Utility Impact Precip in AEP's West Utilities Today-Mon *****

***** Impactful Cold Wave in Deep South AEP Texas Through Tuesday Morning *****

***** Ice Threat Reduced in SWEPCO's Valley District ****

Discussion: Snow has begun in West Texas and PSO and a light winter mix is starting in SWEPCO. Meanwhile temperature are in the 30s°F with wind chills in the 20s°F in Deep South Texas, with colder air coming in tonight through Tuesday morning.

Winter precipitation is expected to come in waves today through Monday midday. PSO, West Texas, and northern SWEPCO will get all snow, while a winter mix for snow, sleet, and freezing rain will come to the rest of SWEPCO and south AEP Texas. Hazardous travel conditions are expected all across AEP's West Utilities, but high-impact utility problems from winter precipitation are not expected. The greatest impact will come to Deep South AEP Texas as prolonged cold temperatures will stress the grid.

Deep South AEP Texas: A cold wave is in progress with the coldest period expected tonight through Tuesday morning. Temperatures during that period are expected to remain at or below 32°F (wind chills single digits-teens) in the southern Laredo and southern Corpus Christi Districts and below 40°F (wind chills 10-25°F) in the Rio Grande Valley District. A prolonged period of temperatures that cold typically lead to significant utility problems from stress on the electrical grid from increased heating demand. In addition a light winter mix of freezing rain, sleet, and snow tonight-Monday morning will lead to hazardous travel and some additional utility issues. Up to 0.10" of ice is expected, with up to 0.20" possible to the north around the Victoria Crossroads.

SWEPCO: A wintry mix is forecast with mostly snow in the Texarkana District, sleet and snow (not wet) in the Longview and Shreveport Districts, and mix of freezing rain, sleet, and snow in the Valley District. Generally 3-7" of accumulation (with some locally heavier amounts possible) is expected by midday Monday leading to hazardous travel and some utility issues. Usually, major utility issues do not occur with a mix of sleet and not-wet snow. In the southern Valley District (Vernon, Hornbeck) less snow and more freezing rain is expected, but ice accumulations are now expected to remain under 1/4" as colder air should change the precipitation to sleet and snow.

PSO, West Texas, N. SWEPCO: Very cold temperatures will keep snow dry and fluffy and lead to *minimal* utility issues. Winds will be gusty during the event from the NNE sustained at 14-24 mph and gusts over 30 mph, leading to near-blizzard white-out conditions and dangerous wind chills well below zero.

Late Tuesday Night-Wednesday: Another winter storm is expected to impact AEP's West Utilities. Details are not yet known. Preliminary data suggests that heavy snow and/or ice might impact SWEPCO and southeast PSO. Temperatures will not be near as cold in Deep South Texas. More details tomorrow.

This AEP Weather Alert (including any attachments) contains utility-specific forecast information for AEP and its Operating Companies in the AEP system. AEP is not responsible for the accuracy, adequacy, completeness, or timeliness of any information and is not responsible for any errors or omissions. In no event will AEP be liable to you or to any third party for any direct, indirect, incidental, consequential, special, or exemplary damages or lost profits resulting from misuse of this forecast. If you are not the intended recipient, you should delete this message and are hereby notified that any disclosure, copying, or distribution of this message, or the taking of any action on it, is strictly prohibited.

AEP Confidential—Shared and Regulated Employees Only

AEP Weather Alert Threat Table

PSO

Districts	Weather Event	Prob	Time
Lawton	7-11” Low-Impact, Dry Snow	90%	Now - 3am Tonight
Tulsa, W. McAlester	7-11” Low-Impact, Dry Snow	90%	Now - 10am Monday
Far E. Tulsa/E. McAlester	3-7” Low-Impact, Dry Snow	90%	Now - 11am Monday

SWEPCO

Districts	Weather Event	Prob	Time
Fayetteville	3-7” Low-Impact, Dry Snow	90%	Now - 1pm Monday
Texarkana, Longview, Shreveport	3-7” Snow & Sleet	90%	Now - 12pm Monday
Valley	Wintry Mix 3-7” Snow/Sleet North/Central Up to 1/4” Ice Possible Far South	90%	Now - 12pm Monday
Texas Panhandle	7-11” Low-Impact, Dry Snow	90%	Now - 11pm Tonight

AEP Texas

Districts	Weather Event	Prob	Time
N. Abilene	7-11” Low-Impact, Dry Snow	90%	Now - 1am Tonight
S. Abilene/N. San Angelo	3-7” Low-Impact, Dry Snow	90%	Now - 12am Tonight
S. Laredo, S. Corpus Christi, Rio Grande Valley	Cold Wave (See Next Page)	100%	Now - 10am Tuesday

AEP Confidential—Shared and Regulated Employees Only

AEP Weather Alert South Texas Forecast

Corpus Christi

	Low	High	Wind	Weather
Sunday	32	40	N 10-18 G 22 mph	Cloudy, Rain Arriving Afternoon
Monday	20	30	NNW 18-25 G 32 mph	Winter Mix Morning, Slow Clearing PM
Tuesday	17	44	ENE 7-14 mph	Mostly Sunny

Laredo

	Low	High	Wind	Weather
Sunday	32	39	NNE 8-16 G 20 mph	Cloudy, Rain Arriving Afternoon
Monday	21	33	NNW 12-20 G 25 mph	Winter Mix Early, Then Mostly Sunny
Tuesday	21	46	SE 7-14 mph	Sunny

McAllen

	Low	High	Wind	Weather
Sunday	35	40	NNW 7-14 mph	Cloudy, Scattered Showers Afternoon
Monday	29	36	NNW 14-24 G 32 mph	Frzing Rain/Sleet AM, Mostly Sunny PM
Tuesday	24	50	N to ESE 5-10 mph	Partly Sunny

Brownsville

	Low	High	Wind	Weather
Sunday	35	42	NW 7-14 mph	Cloudy, Scattered Showers Afternoon
Monday	29	35	NNW 15-25 G 33 mph	Frzing Rain/Sleet Early, Some Sun Late
Tuesday	25	52	N to ESE 6-12 mph	Partly Sunny

AEP Confidential—Shared and Regulated Employees Only

AEP WEATHER ALERT

AEP West Utilities

Issued: Monday, February 15, 2021 ● Meteorologist: E. Kieser

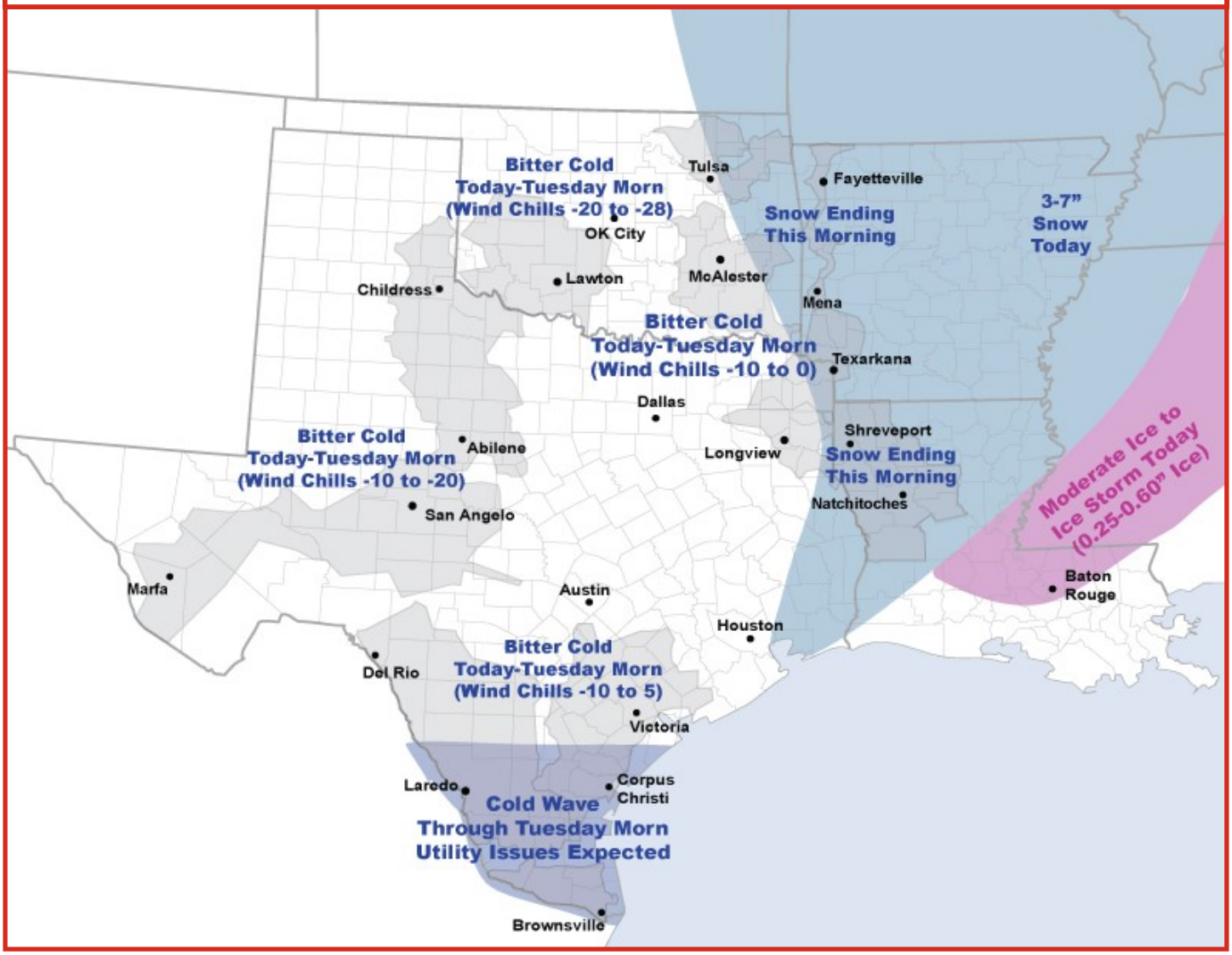
AMERICAN ELECTRIC POWER
BOUNDLESS ENERGY

Next Update: 8:30am CST Tuesday

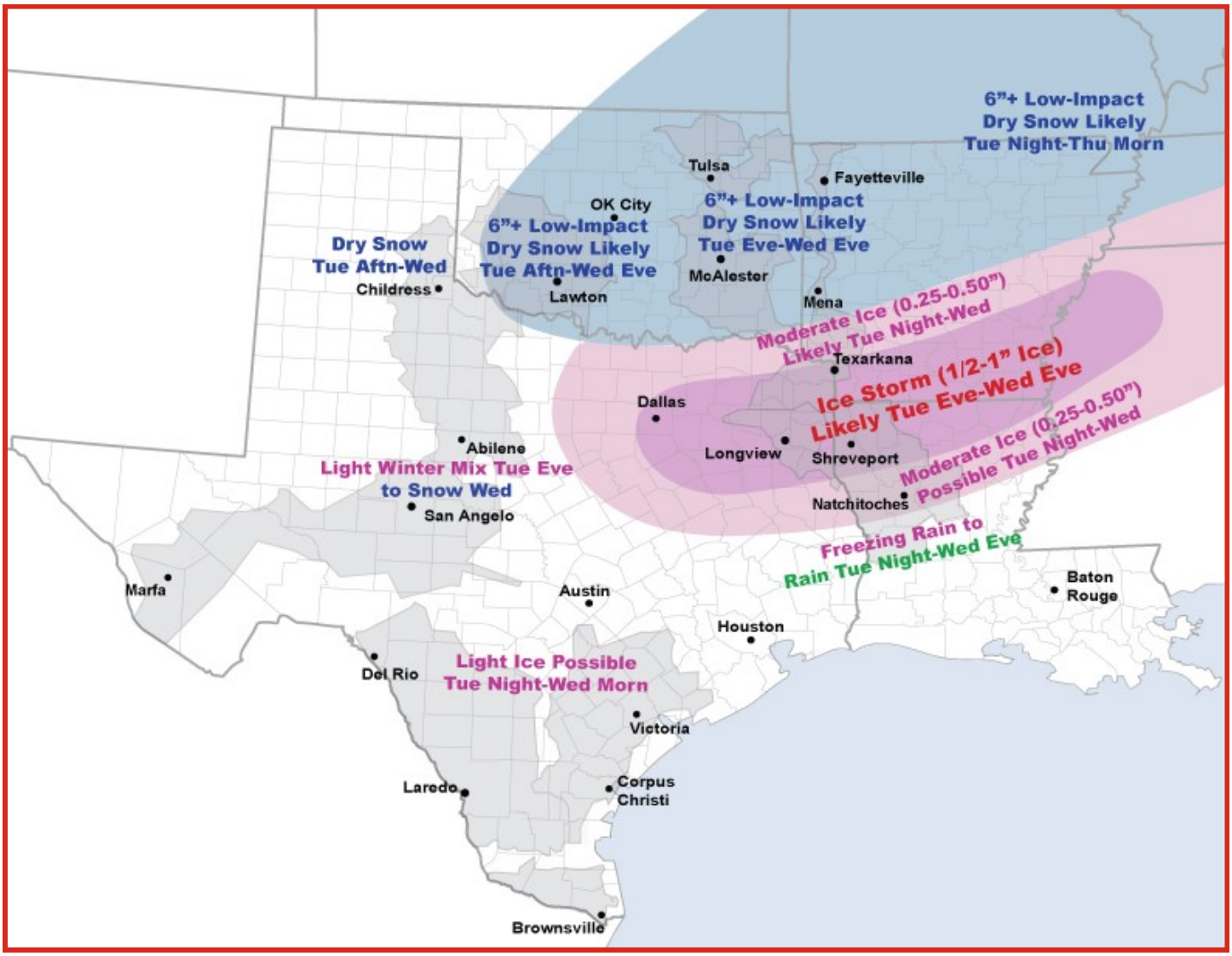
***** Extreme, Impactful Cold Wave in Deep South AEP Texas Through Tuesday Morning *****

***** Another Winter Storm Takes Aim on AEP's West Utilities Tuesday Night-Wednesday *****

***** Ice Storm (More Than 1/2" Ice) Likely in SWEPCO Tuesday Night-Wednesday *****



Winter Storm Tuesday Night-Wednesday



AEP Weather Alert Discussion

***** Extreme, Impactful Cold Wave in Deep South AEP Texas Through Tuesday Morning *****

***** Another Winter Storm Takes Aim on AEP's West Utilities Tuesday Night-Wednesday *****

***** Ice Storm (More Than 1/2" Ice) Likely in SWEPCO Tuesday Night-Wednesday *****

Discussion: The coldest air in more than three decades is plunging into Texas, with rolling blackouts in ERCOT. Extreme cold in Deep South Texas will continue through Tuesday morning, adding to stress on the grid from extreme heating load. Meanwhile, roads are hazardous across all of AEP's West Utilities as a winter storm winds down across eastern PSO, SWEPCO, and Deep South Texas this morning. Attention quickly shifts to the next winter storm to move into AEP's West Utilities Tuesday night-Wednesday. This next storm brings the potential of a significant ice storm to SWEPCO.

Deep South AEP Texas: An extreme cold wave is in progress. Temperatures this morning are in the teens in the Corpus Christi and Laredo Districts, with wind chills around zero. In the Rio Grande Valley temperatures are mostly in the 20s°F with wind chills in the teens. Temperatures will remain significantly cold until mid-morning Tuesday. Temperatures will remain mostly below 32°F (wind chills in the single digits) in the Corpus Christi and Laredo Districts and well below 40°F (wind chills 10-20°F) Rio Grande Valley District. Prolonged cold of this magnitude typically leads to numerous utility problems from continued extreme heating demand. Temperatures will start to warm during the day on Tuesday.

SWEPCO: The next winter storm arriving Tuesday night and continuing into Wednesday evening will likely produce a swath of heavy freezing rain resulting in an ice storm with more than 1/2" of ice accumulation. The area along and just south of I-20 seems to be most at risk, but the exact swath will depend on the storm track and temperatures in the lowest mile of the atmosphere. Just north of where the greatest amount of ice accumulates a mix of sleet and snow will limit ice amounts whereas on the south edge, temperatures are expected to warm above freezing changing freezing rain to rain. While these details are not yet known, the projected strength of the storm and temperatures in place puts rather high confidence that this next winter storm will be impactful for SWEPCO.

PSO, N. SWEPCO: Another 1-3" of dry snow will fall in the Fayetteville district this morning. Travel will remain hazardous with dangerous wind chills throughout PSO and SWEPCO through Tuesday. More snow will arrive Tuesday afternoon-evening. This will be another low-impact, dry snow leading to *minimal* utility issues, but with 4-10" additional snow coming and gusty winds will lead to blowing snow and difficult travel. Extremely cold wind chills last through Tuesday with cold weather lasting all week.

AEP Texas: The next winter storm will bring a winter mix changing to snow Tuesday afternoon-Wednesday in the Abilene and San Angelo Districts. Several inches of snow will fall leading to more travel problems and could delay restoration efforts. However, low impacts to the utilities are anticipated. Extreme cold continues into Tuesday with below freezing temperatures lasting until daytime Friday. A light winter mix is also possible in the northern Laredo and Corpus Christi Districts Tuesday night/Wednesday morning.

This AEP Weather Alert (including any attachments) contains utility-specific forecast information for AEP and its Operating Companies in the AEP system. AEP is not responsible for the accuracy, adequacy, completeness, or timeliness of any information and is not responsible for any errors or omissions. In no event will AEP be liable to you or to any third party for any direct, indirect, incidental, consequential, special, or exemplary damages or lost profits resulting from misuse of this forecast. If you are not the intended recipient, you should delete this message and are hereby notified that any disclosure, copying, or distribution of this message, or the taking of any action on it, is strictly prohibited.

AEP Confidential—Shared and Regulated Employees Only

AEP Weather Alert Threat Table

PSO

Districts	Weather Event	Prob	Time
Lawton	6”+ Dry Low-Impact Snow Likely	70%	Tuesday Afternoon-Wednesday
McAlester, Tulsa	6”+ Dry Low-Impact Snow Likely	70%	Tuesday Night-Wednesday Evening

SWEPCO

Districts	Weather Event	Prob	Time
Northern Texarkana	Winter Mix of Ice/Snow Likely Moderate Ice (1/4’1/2”) Likely	70% 60%	Tuesday Night-Wednesday Evening
Southern Texarkana, Longview, Shreveport, Northern Valley	Moderate Ice (1/4-1/2”) Likely **Ice Storm (1/2-1”) Likely**	70% **60%**	Tuesday Night-Wednesday Evening
Southern Valley	Freezing Rain to Rain Likely Moderate Ice (1/4-1/2”) Possible	70% 50%	Tuesday Night-Wednesday Evening
Fayetteville	6”+ Dry Low-Impact Snow Likely	70%	Tuesday Night-Wednesday Evening

AEP Texas

Districts	Weather Event	Prob	Time
S. Laredo, S. Corpus Christi, Rio Grande Valley	**Cold Wave** (See Next Page)	100%	Now - 10am Tuesday

AEP Weather Alert South Texas Forecast

Corpus Christi

	Low	High	Wind	Weather
Monday	17	29	NNW 15-25 G 32 mph	Cloudy Morning, Some Sun PM
Tuesday	17	44	NNE 7-14 mph	Mostly Sunny AM, Mostly Cloudy PM
Wednesday	38	54	NW 8-18 G 23 mph	Mostly Cloudy with Morning Showers

Laredo

	Low	High	Wind	Weather
Monday	19	32	NNW 10-18 G 25 mph	Snow Ending Early, Then Mostly Sunny
Tuesday	21	47	SSE 8-16 G 22 mph	Mostly Sunny
Wednesday	38	59	NNW 8-16 mph	Partly Sunny

McAllen

	Low	High	Wind	Weather
Monday	26	35	NNW 14-22 G 32 mph	Frzing Rain/Sleet AM, Some Sun PM
Tuesday	23	50	NNE to ESE 5-10 mph	Partly Sunny
Wednesday	44	65	NW 7-14 mph	Mostly Cloudy

Brownsville

	Low	High	Wind	Weather
Monday	27	35	NNW 18-25 G 34 mph	Frzing Rain/Sleet AM, Rain Showers PM
Tuesday	25	52	NNW to ESE 6-12 mph	Mostly Cloudy
Wednesday	47	67	WSW to N 7-14 mph	Some Showers AM, Partly Sunny PM

AEP Confidential—Shared and Regulated Employees Only

AEP WEATHER ALERT

AEP West Utilities

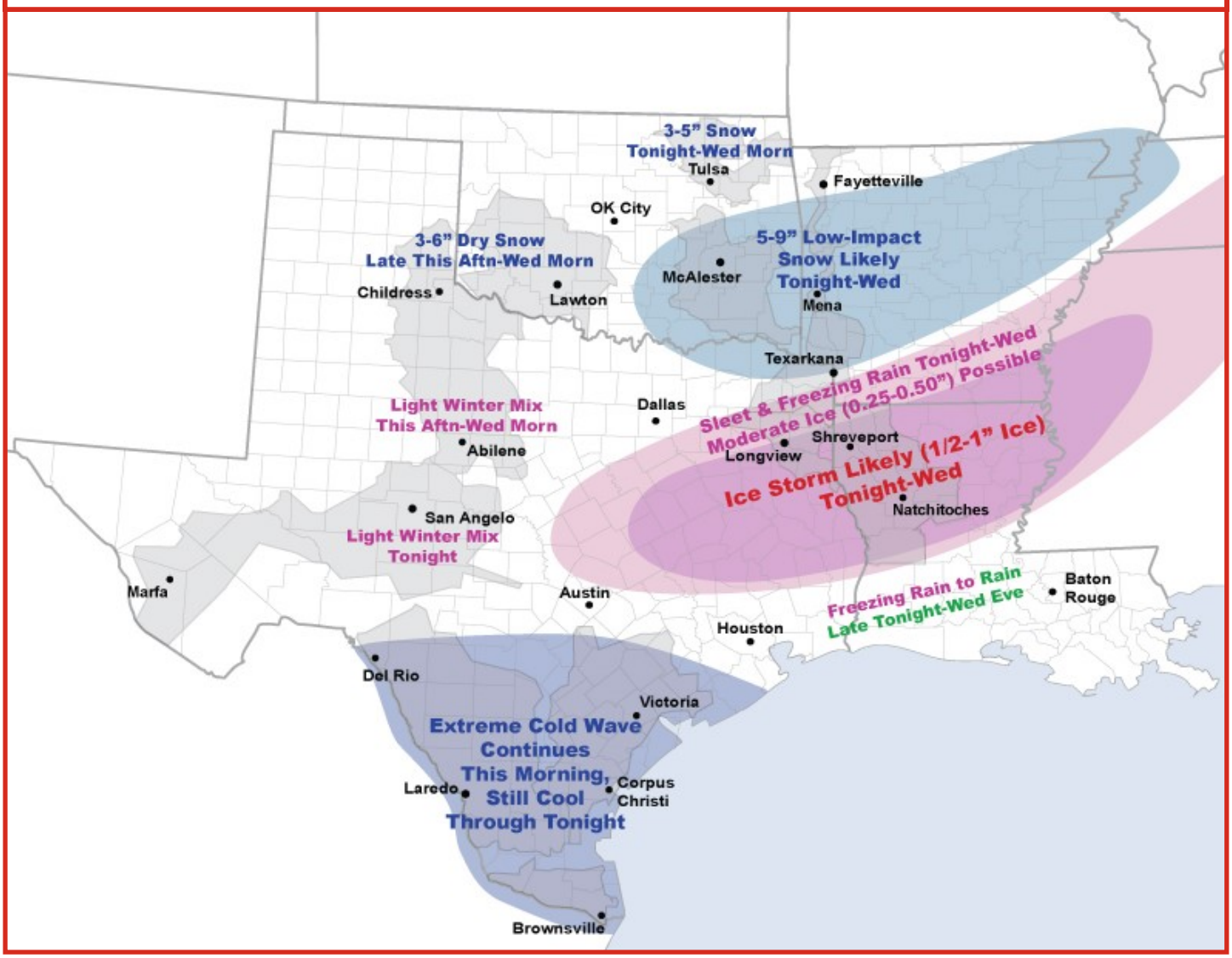
Issued: Tuesday, February 16, 2021 ● Meteorologist: E. Kieser

AMERICAN ELECTRIC POWER
BOUNDLESS ENERGY

Next Update: 8:30am CST Wednesday

***** Impactful Ice Storm (More Than 1/2" Ice) Expected in SWEPCO Tonight-Wednesday *****

***** Cold Wave in Deep South AEP Texas Continues This Morning, Then Slow Improvement *****



AEP Weather Alert Discussion

***** Impactful Ice Storm (More Than 1/2" Ice) Expected in SWEPCO Tonight-Wednesday *****

***** Cold Wave in Deep South AEP Texas Continues This Morning, Then Slow Improvement *****

Discussion: Another winter storm is heading for AEP's West Utilities. The greatest impact will come from an ice storm with ice accumulations of a 1/2-1" in SWEPCO tonight-Wednesday. Major utility problems are likely. Meanwhile, unseasonably cold weather will continue today with only slow improvement in temperatures this week, so energy demand is expected to only gradually decrease in the coming days. Milder weather returns this upcoming weekend.

Changes: The threat area for the greatest ice in SWEPCO has shifted a little farther south. More of the Valley District is now included while the Texarkana District has been removed from the ice storm area.

SWEPCO: A winter mix of snow, sleet, and freezing rain is expected to develop tonight. The dominant precipitation type is expected to become freezing rain late tonight through Wednesday in the southeastern half of the Longview District, Shreveport District, and Valley District. An ice storm with widespread ice accumulations of 1/2-1" is expected in these areas leading to significant problems. Moderate ice accumulations of 1/4-/1/2" will occur on the northern edge in parts of the northwestern Longview and far southern Texarkana Districts where more sleet will be mixed in. From Texarkana northward sleet and snow will dominate with 5-9" of accumulation expected. With cold temperatures the snow will not be wet enough to cause many utility problems, but travel will become difficult once again.

Deep South AEP Texas: The extreme cold wave will continue this morning with temperatures then rising above our typical threshold for problems this afternoon. However, with chilly air in place across Texas and issues in ERCOT, improvement will likely be slower than usual. Temperatures in Deep South Texas will rise into the 50s-60s°F on Wednesday before another cool front pushes highs back into the 40s-low50s°F on Thursday. Much warmer weather is expected this coming weekend.

PSO, N. SWEPCO: More snow will arrive in western PSO late this afternoon and the rest of PSO and northern SWEPCO tonight and continue into Wednesday. Widespread amounts of 3-6" are expected, with higher amounts of 5-9" in PSO's McAlester District and SWEPCO's southern Fayetteville and northern Texarkana Districts. This will be another low-impact snow with *minimal* utility issues, but roads will again become hazardous.

Winds: Winds for the ice in SWEPCO and snow farther north should be rather light the next few days, under 15 mph.

This AEP Weather Alert (including any attachments) contains utility-specific forecast information for AEP and its Operating Companies in the AEP system. AEP is not responsible for the accuracy, adequacy, completeness, or timeliness of any information and is not responsible for any errors or omissions. In no event will AEP be liable to you or to any third party for any direct, indirect, incidental, consequential, special, or exemplary damages or lost profits resulting from misuse of this forecast. If you are not the intended recipient, you should delete this message and are hereby notified that any disclosure, copying, or distribution of this message, or the taking of any action on it, is strictly prohibited.

AEP Confidential—Shared and Regulated Employees Only

AEP Weather Alert Threat Table

PSO

Districts	Weather Event	Prob	Time
McAlester	5-9” Low-Impact Snow	80%	7pm Tonight - 1pm Wed

SWEPCO

Districts	Weather Event	Prob	Time
Southeastern Longview, Shreveport, Valley	**Ice Storm (1/2-1”)**	80%	9pm Tonight - 4pm Wed
Northwestern Longview, Far Southern Texarkana	Freezing Rain and Sleet Moderate Ice (1/4-1/2”) Possible	80% 50%	11pm Tonight - 3pm Wed
Southern Fayetteville, Northern /Central Texarkana	5-9” Low-Impact Snow	80%	11pm Tonight - 1pm Wed

AEP Texas

Districts	Weather Event	Prob	Time
Laredo, Corpus Christi, Rio Grande Valley	**Cold Wave** (See Next Page)	100%	Now - 12noon Today

AEP Weather Alert South Texas Forecast

Corpus Christi

	Low	High	Wind	Weather
Tuesday	19	43	SSE 8-16 G22 mph	Mostly Sunny AM, Mostly Cloudy PM
Wednesday	36	52	NNW 10-18 mph	Mostly Cloudy with Morning Showers
Thursday	32	47	N 12-20 G25 mph	Mostly Sunny

Laredo

	Low	High	Wind	Weather
Tuesday	21	46	SSE 8-16 G 22 mph	Sunny
Wednesday	35	58	NW 6-12 mph	Gradual Clearing
Thursday	34	49	N 8-16 mph	Partly Sunny

McAllen

	Low	High	Wind	Weather
Tuesday	25	50	SE 8-16 mph	Sunny
Wednesday	44	65	N 10-18 mph	Partly Sunny
Thursday	34	52	N 10-20 mph	Partly Sunny

Brownsville

	Low	High	Wind	Weather
Tuesday	26	52	N to ESE 8-16 mph	Partly Sunny, Chance of Showers Late
Wednesday	45	66	N 10-18 mph	Some Showers AM, Partly Sunny PM
Thursday	37	52	N 15-20 G 25 mph	Mostly Sunny

AEP Confidential—Shared and Regulated Employees Only

AEP WEATHER ALERT

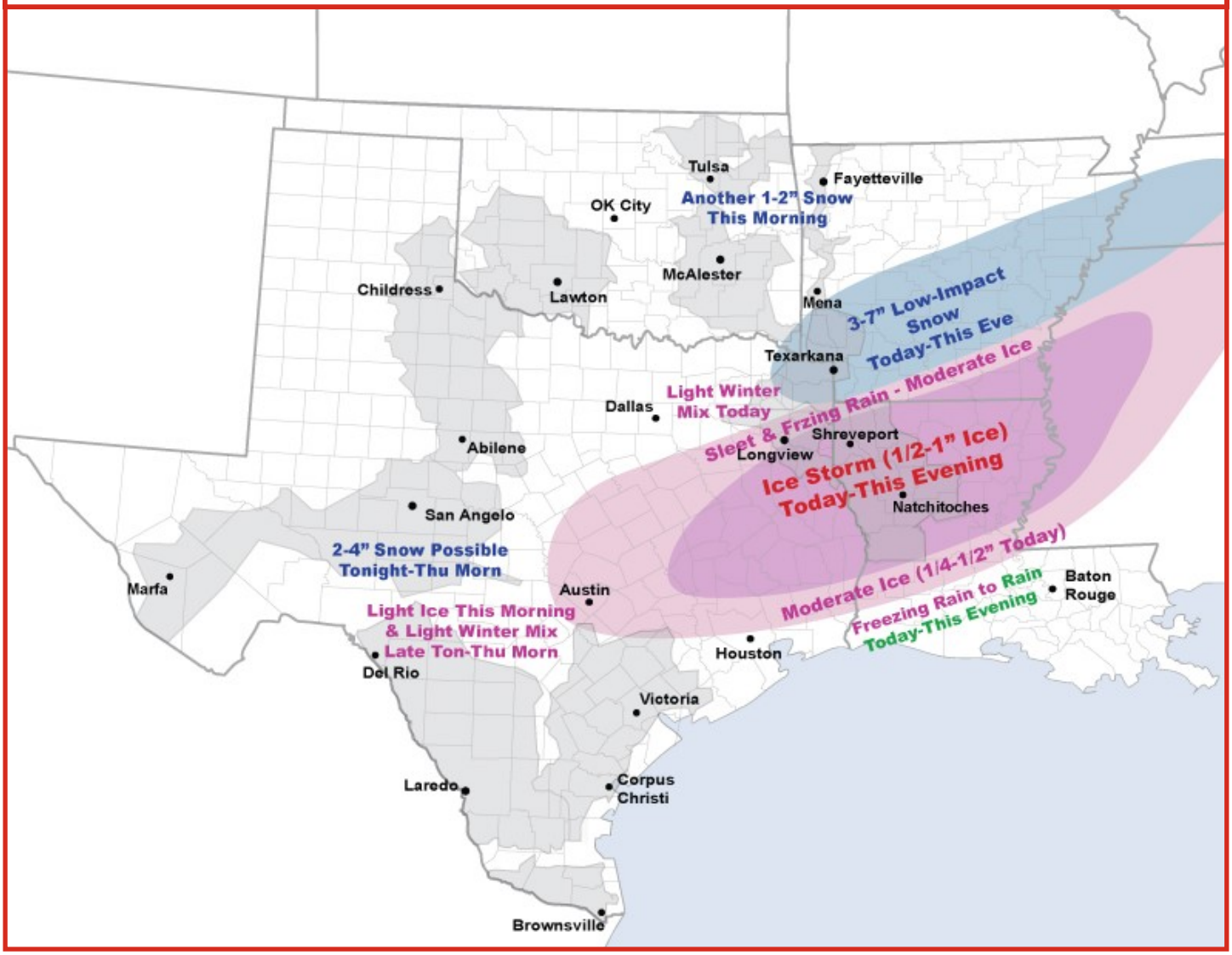
AEP West Utilities

Issued: Wednesday, February 17, 2021 ● Meteorologist: E. Kieser

Next Update: None Planned / As Needed

***** Ice Storm (More Than 1/2" Ice) in SWEPCO Along and South of I-20 Today *****

***** Cold Weather Continues in Texas through Friday Night, Then Milder This Weekend *****



AEP Weather Alert Discussion

***** Ice Storm (More Than 1/2" Ice) in SWEPCO Along and South of I-20 Today *****

***** Cold Weather Continues in Texas through Friday Night, Then Milder This Weekend *****

Discussion: An ice storm with major utility problems is expected in southern SWEPCO today. Ice accumulations of 1/2-1" are expected along and south of a line from Longview to Shreveport, with the greatest ice accumulations expected in the southeastern Longview and Valley Districts. Low-impact sleet and snow will fall farther north. Meanwhile, unseasonably cold weather will continue through the end of the week in AEP Texas/ERCOT before milder weather returns this weekend.

Changes/Uncertainties: There is little change to the forecast, but there is some uncertainty with the precise location of the freezing rain/sleet line today which will mark the northern edge of the ice storm. It will likely set up near/just north of Longview and Shreveport and may oscillate a little to the north and south today. Areas that receive more sleet will have lower ice accumulations.

SWEPCO: A mix of snow and sleet arrived in Longview and Shreveport overnight with an inch of snow reported in Shreveport. That has changed to freezing rain which will continue along and south of a Longview-Shreveport line today into this evening. Temperatures should remain below freezing all day with no melting, consequently an ice storm with ice accumulations of 1/2-1" is expected in the southeastern Longview, Shreveport, and Valley Districts today. Freezing rain will taper to freezing drizzle this evening before ending overnight. A thin band of moderate ice accumulations of 1/4-/1/2" will occur on the northern edge in parts of the central Longview and northern Shreveport Districts where more sleet will be mixed in. Meanwhile, 3-7" of snowfall is expected in the Texarkana District with minimal utility problems. Winds today-tonight should from the east to north at 5-10 mph.

For restoration quiet weather is expected including lots of sunshine on Friday and Saturday. It will remain chilly with high temperatures in the 30s°F Thursday and Friday and 40s°F Saturday. Overnight lows will be below freezing. Winds could gust to around 20 mph on Thursday, but otherwise should remain light.

AEP Texas/ERCOT: The most intense record-breaking cold has passed. However, temperatures will remain unseasonable cold across Texas through the end of the week so the current generation crisis may linger for a few more days. Nighttime low temperatures will remain well below freezing through Saturday morning across West Texas and in the load centers of Dallas and Houston. Daytime temperatures will also remain below freezing in West Texas and Dallas today and Thursday and only reach the mid-upper 30s°F in Houston. Temperatures will be a little higher on Friday, with much milder weather starting on Saturday.

PSO, N. SWEPCO: Snow will become lighter later this morning with only occasional flurries this afternoon. With cloud cover and temperatures below freezing many roads will stay slippery into at least tomorrow. Temperatures will remain below freezing in all area until at least Friday afternoon and some locations until Saturday afternoon. Regardless, sunshine Thursday and Friday will help with melting, but puddles and meltwater will quickly freeze at night through Friday night. Milder air arrives this weekend.

This AEP Weather Alert (including any attachments) contains utility-specific forecast information for AEP and its Operating Companies in the AEP system. AEP is not responsible for the accuracy, adequacy, completeness, or timeliness of any information and is not responsible for any errors or omissions. In no event will AEP be liable to you or to any third party for any direct, indirect, incidental, consequential, special, or exemplary damages or lost profits resulting from misuse of this forecast. If you are not the intended recipient, you should delete this message and are hereby notified that any disclosure, copying, or distribution of this message, or the taking of any action on it, is strictly prohibited.

AEP Confidential—Shared and Regulated Employees Only

AEP Weather Alert Threat Table

SWEPCO

Districts	Weather Event	Prob	Time
Southeastern Longview, Most of Shreveport, Valley	**Ice Storm (1/2-1”)**	90%	Now - 10pm This Evening
Central Longview, Far Northern Shreveport	Sleet and Freezing Rain Moderate Ice (1/4-1/2”)	90%	Now - 10pm This Evening
Texarkana	3-7” Low-Impact Snow/Sleet	100%	Now - 10pm This Evening