

## 2021 Sustainability Accounting Standards Board Mapping Report (12/20/21)

This report contains forward-looking statements based on current expectations, including statements regarding our earnings guidance and financial outlook and goals. These forward-looking statements are often identified by words such as “estimate,” “predict,” “may,” “believe,” “plan,” “expect,” “require,” “intend,” “assume,” “project,” “anticipate,” “goal,” “seek,” “strategy,” “likely,” “should,” “will,” “could,” and similar words. Because actual results may differ materially from expectations, we caution you not to place undue reliance on these statements. A number of factors could cause future results to differ materially from historical results, or from outcomes currently expected or sought by Pinnacle West or APS. These factors include, but are not limited to: the potential effects of the continued COVID-19 pandemic, including, but not limited to, demand for energy, economic growth, our employees and contractors, supply chain, expenses, capital markets, capital projects, operations and maintenance activities, uncollectable accounts, liquidity, cash flows, or other unpredictable events; our ability to manage capital expenditures and operations and maintenance costs while maintaining reliability and customer service levels; variations in demand for electricity, including those due to weather seasonality, the general economy or social conditions, customer and sales growth (or decline), the effects of energy conservation measures and distributed generation, and technological advancements; the potential effects of climate change on our electric system, including as a result of weather extremes such as prolonged drought and high temperature variations in the area where APS conducts its business; power plant and transmission system performance and outages; competition in retail and wholesale power markets; regulatory and judicial decisions, developments and proceedings; new legislation, ballot initiatives and regulation, including those relating to environmental requirements, regulatory and energy policy, nuclear plant operations and potential deregulation of retail electric markets; fuel and water supply availability; our ability to achieve timely and adequate rate recovery of our costs through our rates and adjustor recovery mechanisms, including returns on and of debt and equity capital investments; our ability to meet renewable energy and energy efficiency mandates through our adjustor and recovery mechanisms and recover related costs; the ability of APS to achieve its clean energy goals (including a goal by 2050 of 100% clean, carbon-free electricity) and, if these goals are achieved, the impact of such achievement on APS, its customers, and its business, financial condition and results of operations; risks inherent in the operation of nuclear facilities, including spent fuel disposal uncertainty; current and future economic conditions in Arizona, including in real estate markets; the direct or indirect effect on our facilities or business from cybersecurity threats or intrusions, data security breaches, terrorist attack, physical attack, severe storms, or other catastrophic events, such as fires, explosions, pandemic health events, or similar occurrences; the development of new technologies which may affect electric sales or delivery; the cost of debt and equity capital and the ability to access capital markets when required; environmental, economic and other concerns surrounding coal-fired generation, including regulation of greenhouse gas emissions; volatile fuel and purchased power costs; the investment performance of the assets of our nuclear decommissioning trusts, pension, and other postretirement benefit plans and the resulting impact on future funding requirements; the liquidity of wholesale power markets and the use of derivative contracts in our business; potential shortfalls in insurance coverage; new accounting requirements or new interpretations of existing requirements; generation, transmission and distribution facility and system conditions and operating costs; the ability to meet the anticipated future need for additional generation and associated transmission facilities in our region; the willingness or ability of our counterparties, power plant participants and power plant land owners to meet contractual or other obligations or extend the rights for continued power plant operations; and restrictions on dividends or other provisions in our credit agreements and ACC orders. These and other factors are discussed in Risk Factors described in Part I, Item 1A of the Pinnacle West/APS Annual Report on Form 10-K review for the fiscal year ended December 31, 2020 and in Part II, Item 1A of the Pinnacle West/APS Quarterly Report on Form 10-Q for the quarter ended September 30, 2021, which you should review carefully before placing any reliance on our financial statements, disclosures or earnings outlook.”

## 2021 Sustainability Accounting Standards Board Mapping Report (12/20/21)

### Topic: Greenhouse Gas Emissions & Energy

SASB Code	Accounting Metric	Response
IF-EU-110a.1	(1) Gross global Scope 1 emissions, percentage covered under (2) emissions-limiting regulations, and (3) emissions-reporting regulations	<a href="#">(1) 2021 CDP Climate</a>
		<a href="#">(2) 15% by 2025 - Arizona Renewable Energy Standard - Arizona Administrative Code Article 18</a>
		<a href="#">(3) 99% US Environmental Protection Agency - Greenhouse Gas Reporting Program (40 CFR, part 98, Subparts C and D)</a>
IF-EU-110a.2	Greenhouse gas (GHG) emissions associated with power deliveries	<a href="#">2021 CDP Climate C6.1</a>
IF-EU-110a.3	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	<a href="#">APS Clean Energy Commitment</a>
		A 2050 goal to provide 100% clean, carbon-free electricity, an interim 2030 target of achieving a resource mix that is 65% clean energy with 45% of our generation portfolio coming from renewable energy, and a commitment to end our use of coal fired generation by 2031.  <a href="#">APS 2020 Integrated Resource Plan contains APS's strategies to achieve its clean energy commitment</a>
IF-EU-110a.4	(1) Number of customers served in markets subject to	<a href="#">(1) 2020 Pinnacle West Statistical Report - Retail Customers</a>

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	renewable portfolio standards (RPS) and (2) percentage fulfillment of RPS target by market	<a href="#">(2) 2020 Renewable Energy Standard Compliance Report - 100% of Customers Are Subject to the RES</a>
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### Topic: Air Quality

SASB Code	Accounting Metric	Response
IF-EU-120a.1	Air emission of the following pollutants: (1) NOx (excluding N2O), (2) SOx, (3) particulate matter (PM10), (4) lead (Pb), and (5) mercury (Hg); percentage of each in or near areas of dense population	<a href="#">(1) NOx - Corporate Responsibility Report 2021 - Environmental Performance Data - Ocotillo 1.28%, Yucca 1.75%, West Phoenix, 29%</a>
		<a href="#">(2) SO2 - Corporate Responsibility Report 2021 - Environmental Performance Data - Ocotillo .12%, Yucca .03%, West Phoenix .52%</a>
		<a href="#">(3) PM10 - Corporate Responsibility Report 2021 - Environmental Performance Data - Ocotillo 1.87%, Yucca 1.08%, West Phoenix 11.9%</a>
		<a href="#">(4) Lead - Corporate Responsibility Report 2021 - Environmental Performance Data - Ocotillo 2.04%, Yucca 1.85%, West Phoenix 16%</a>
		<a href="#">(5) Mercury - Corporate Responsibility Report 2021 - Environmental Performance Data - Ocotillo 10.7%, Yucca 1.8%, West Phoenix 24%</a>

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### Topic: Water Management

SASB Code	Accounting Metric	Response
IF-EU-140a.1	(1) Total water withdrawn, (2) total water consumed, percentage of each in regions with High or Extremely High Baseline Water Stress	<a href="#">(1) 2021 CDP Water W1.2b</a>
		<a href="#">(2) 0%, 2021 CDP Water W1.2d</a>
IF-EU-140a.2	Number of incidents of non-compliance associated with water quantity and/or quality permits, standards, and regulations	<a href="#">2021 CDP Water W2.2</a>
IF-EU-140a.3	Description of water management risks and discussion of strategies and practices to mitigate those risks	<a href="#">2021 CDP Water Section W4 Risks and Opportunities</a>

### Topic: Coal Ash Management

SASB Code	Accounting Metric	Response
IF-EU-150a.1	Amount of coal combustion residuals (CCR) generated, percentage recycled	<a href="#">2021 Corporate Responsibility Report - Environmental Performance Data</a>
IF-EU-150a.2	Total number of coal combustion residual (CCR) impoundments, broken down by hazard potential classification and structural integrity assessment	<a href="#">Four Corners Power Plant CCR Compliance Data and Information</a>
		<a href="#">Cholla Power Plant CCR Compliance Data and Information</a>

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Topic: Energy Affordability		
SASB Code	Accounting Metric	Response
IF-EU-240a.1	Average retail electric rate for (1) residential, (2) commercial, and (3) industrial customers	<a href="#">2021 Pinnacle West Capital Statistical Report</a>
IF-EU-240a.2	Typical monthly electric bill for residential customers for (1) 500 kWh and (2) 1,000 kWh of electricity delivered per month.	(1) \$65.40
		(2) \$130.80
IF-EU-240a.3	Number of residential customer electric disconnections for non-payment, percentage reconnected within 30 days.	<a href="#">APS suspended disconnections for non-payment during 2020 and waived late payment fees as a result of the COVID-19 pandemic.</a>
IF-EU-240a.4	Discussion of impact of external factors on customer affordability of electricity, including the economic conditions of the service territory.	<a href="#">2020 Pinnacle West Annual Report Forward, Affordability Initiative, and Risk Factors</a>
		<a href="#">Our Clean Energy Commitment</a>

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### Topic: Workforce Health & Safety

SASB Code	Accounting Metric	Response
IF-EU-320a.1	(1) Total recordable incident rate (TRIR), (2) fatality rate, and (3) near miss frequency rate (NMFR)	<a href="#">(1) and (2) 2021 EEI Template Quantitative Information</a>
		(3) 1.88

### Topic: End-Use Efficiency & Demand

SASB Code	Accounting Metric	Response
IF-EU-420a.1	Percentage of electric utility revenues from rate structures that (1) are decoupled and (2) contain a lost revenue adjustment mechanism (LRAM)	<a href="#">(1) N/A (2) .35%</a>
IF-EU-420a.2	Percentage of electric load served by smart grid technology.	<a href="#">The percent of load served by smart grid technology is not available at this time. 2021 Corporate Responsibility Report - Reliability and Grid Resiliency contains information about APS's adoption and deployment of smart grid technologies.</a>
IF-EU-420a.3	Customer electricity savings from efficiency measures, by market.	<a href="#">2020 DSM Annual Report</a>

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### Topic: Nuclear Safety & Emergency Management

SASB Code	Accounting Metric	Response
IF-EU-540a.1	Total number of nuclear power units, broken down by U.S. Nuclear Regulatory Commission (NRC) Action Matrix Column.	3 Units Palo Verde 1, 2 and 3
		<a href="#">NRC Action Matrix Region IV</a>
IF-EU-540a.2	Description of efforts to manage nuclear safety and emergency preparedness.	<a href="#">Code of Ethics and Business Practices</a>
		<a href="#">Palo Verde 2021 Emergency Preparedness Guide</a>

### Topic: Grid Resiliency

SASB Code	Accounting Metric	Response
IF-EU-550a.1	Number of incidents of non-compliance with physical and/or cybersecurity standards or regulations.	Information not publicly available
IF-EU-550a.2	(1) System Average Interruption Durations Index (SAIDI), (2) System Average interruption Frequency Index (SAIFI), and (3) Customer Average Interruption Duration Index (CAIDI), inclusive of major event days.	<a href="#">(1) SAIDI Pinnacle West Annual Report</a>
		<a href="#">(2) SAIFI Pinnacle West Annual Report</a>
		(3) 92.65

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Topic: Grid Activity Metrics		
SASB Code	Accounting Metric	Response
IF-EU-000.A	Number of: (1) residential, (2) commercial, and (3) industrial customers served	<a href="#">(1), (2), and (3) 2020 Pinnacle West Statistical Report</a>
F-EU-000.B	Total electricity delivered to: (1) residential, (2) commercial, (3) industrial, (4) all other retail customers, and (5) wholesale customers	<a href="#">(1), (2), (3), (4) and (5) 2020 Pinnacle West Statistical Report</a>
IF-EU-000.C	Length of transmission and distribution lines	<a href="#">2021 Corporate Responsibility Report</a>
F-EU-000.D	Total electricity generated, percentage by major energy source, percentage in regulated markets	<a href="#">2020 Pinnacle West Statistical Report</a>
IF-EU-000.E	Total wholesale electricity purchased	<a href="#">2020 Pinnacle West Statistical Report</a>