



# Electric Company ESG/Sustainability Quantitative Information

**Parent Company:** *UNS Energy Corporation (a Fortis Inc. Company)*  
**Operating Company(s):** *Tucson Electric Power Company*  
**Business Type(s):** *Vertically Integrated*  
**State(s) of Operation:** *Arizona*  
**State(s) with RPS Programs:** *Arizona*  
**Regulatory Environment:** *Regulated*  
**Report Date:** *November 2020*

Ref. No.	Baseline 2005	Last Year 2018	Current Year 2019	Next Year 2020	Future Year 2035	Comments, Links, Additional Information, and Notes
<b>Portfolio</b>						
<b>1</b>	<b>Owned Nameplate Generation Capacity at end of year (MW)</b>					<p>Owned generation capacity provided as nominal capacity, rather than nameplate capacity, for consistency with annual Fortis, Inc. reporting and the Tucson Electric Power and UNS Electric, Inc. Integrated Resource Plans.</p> <p>Owned net generation was determined from operational reports as EIA Form 923 does not indicate net generation by ownership; includes generation for retail and wholesale customers.</p> <p>Anticipated 247 MW in service date of December 31, 2020.</p> <p>Purchased net generation in accordance with SEC Reporting; includes generation for retail and wholesale customers.</p> <p>Other purchases include market purchases from the grid which cannot be identified by type.</p>
1.1	1,528	1,242	1,242	1,073		
1.2	485	1,784	1,878	1,816	1,587	
1.3						
1.4						
1.5	9	57	57	294	2,261	
1.5.1	4	4	4			
1.5.2						
1.5.3						
1.5.4	5	53	53	53	1,514	
1.5.5				247	747	
1.6						
<b>2.i</b>	<b>Owned Net Generation for the data year (MWh)</b>					
2.1.i	10,818,707	7,241,435	7,069,865	6,915,560		
2.2.i	368,000	6,713,174	7,701,862	4,348,940	5,103,462	
2.3.i						
2.4.i						
2.5.i	28,293	111,309	90,261	90,608	6,037,351	
2.5.1.i	28,293	25,135	12,036			
2.5.2.i						
2.5.3.i						
2.5.4.i	<i>Not Available</i>	86,174	78,225	90,608	3,407,987	
2.5.5.i					2,629,364	
2.6.i						
<b>2.ii</b>	<b>Purchased Net Generation for the data year (MWh)</b>					
2.1.ii						
2.2.ii						
2.3.ii						
2.4.ii						
2.5.ii		785,670	771,389	651,478	649,428	
2.5.1.ii						
2.5.2.ii						
2.5.3.ii						
2.5.4.ii		590,111	574,745	453,494	367,466	
2.5.5.ii		195,559	196,643	197,985	281,962	
2.6.ii	1,638,737	1,623,835	1,709,380	585,334	891,067	
<b>3</b>	<b>Investing in the Future: Capital Expenditures, Energy Efficiency (EE), and Smart Meters</b>					
3.1	\$149,906,000	\$392,522,000	\$607,593,000			
3.2	101,395	106,533	114,888			
3.3	\$1,771,000	\$11,262,000	\$13,167,000			
3.4	<i>Not Available</i>	97.95%	99.76%			
<b>4</b>	<b>Retail Electric Customer Count (at end of year)</b>					
4.1	384,898	425,044	428,626			
4.2	33,595	40,515	40,710			
4.3	675	508	507			
	350,628	384,021	387,409			



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<b>Emissions</b>						
<b>5</b>	<b>GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e)</b>					
<b>5.1</b>	<b>Owned Generation</b>					
5.1.1	Carbon Dioxide (CO2)					
5.1.1.1	11,026,486	9,895,731	10,818,151	8,429,457	2,151,846	
5.1.1.2	0.983	0.704	0.728	0.742	0.193	
5.1.2	Carbon Dioxide Equivalent (CO2e)					
5.1.2.1	11,113,940	9,956,564	10,896,213			
5.1.2.2	0.991	0.708	0.733			
<b>5.2</b>	<b>Purchased Power</b>					
5.2.1	Carbon Dioxide (CO2)					
5.2.1.1	767,938	638,456	650,238			
5.2.1.2	0.469	0.265	0.262			
5.2.2	Carbon Dioxide Equivalent (CO2e)					
5.2.2.1	771,629	642,348	654,184			
5.2.2.2	0.471	0.267	0.264			
<b>5.3</b>	<b>Owned Generation + Purchased Power</b>					
5.3.1	Carbon Dioxide (CO2)					
5.3.1.1	11,794,423	10,534,188	11,468,389			
5.3.1.2	0.918	0.639	0.661			
5.3.2	Carbon Dioxide Equivalent (CO2e)					
5.3.2.1	11,885,569	10,598,912	11,550,397			
5.3.2.2	0.925	0.643	0.666			
<b>5.4</b>	<b>Non-Generation CO2e Emissions</b>					
5.4.1	Not Available	32,734	66,387			Emissions in 2019 are higher due to equipment retirements and a manufacturer's error on nameplate capacity for equipment. Excluding the manufacturer's error on nameplate capacity, 2019 SF6 fugitive emissions would be ~43,000 MT.
5.4.2	Not Applicable	Not Applicable	Not Applicable			
<b>6</b>	<b>Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)</b>					
6.1	Generation basis for calculation					
	Other					
<b>6.2</b>	<b>Nitrogen Oxide (NOx)</b>					
6.2.1	16,359	7,809	8,028	5,747	332	
6.2.2	0.001459	0.000555	0.000540	0.000506	0.00003	
<b>6.3</b>	<b>Sulfur Dioxide (SO2)</b>					
6.3.1	15,614	6,835	5,785	5,952	14	
6.3.2	0.001392	0.000486	0.000389	0.000524	0.000001	
<b>6.4</b>	<b>Mercury (Hg)</b>					
6.4.1	Not Available	29.5	17.2	16.1		
6.4.2	Not Available	0.000002	0.000001	0.000001		



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<b>Resources</b>						
<b>7</b>	<b>Human Resources</b>					
7.1	1,287	1,528	1,587			
7.2	11	10	10			
7.3	2	3	3			
7.4	3	3	3			
7.5	<b>Employee Safety Metrics</b>					
7.5.1	<i>Not Available</i>	1.20	1.27			
7.5.2	<i>Not Available</i>	0.33	0.57			
7.5.3	<i>Not Available</i>	0.60	0.64			
7.5.4	<i>Not Available</i>	0.00	0.00			
<b>8</b>	<b>Fresh Water Resources</b>					
8.1	<i>Not Available</i>	0.00000185	0.00000179			
8.2	<i>Not Available</i>	0.00000187	0.00000182			
<b>9</b>	<b>Waste Products</b>					
9.1	<i>Not Available</i>	5.57	1.66			
9.2	<i>Not Available</i>	6%	6%			
<b>Additional Metrics (Optional)</b>						
<i>Insert additional rows in this section as necessary.</i>						