

A group of committed members of ACT-IAC have worked together to help bring attention to the climate impact of data centers. Data center growth is having increasing demands on our electricity grid, fresh water supplies and our ability to manage e-waste.

DATA CENTER SCORECARD

This worksheet is for those who are making choices about procuring data & processing resources in the cloud.

Simple yes/no questions which will provide a score to help you make an informed choice.



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FACTORS	QUESTION	RESPONSE	SCORE Yes=1, No=0
Energy Sources & Location	Does technical service have a plan to achieve the Fed Government goal of 100% renewables by 2030?	Yes / No	
	Is technical service currently running on 100% renewable energy?	Yes / No	
	Is technical service currently running on at least 50% renewable energy?	Yes / No	
	Is technical service currently running on at least 25% renewable energy?	Yes / No	
	Is the technical service sourcing the renewable energy from a NEW source?	Yes / No	
Energy Efficiency	Does the technical service measure and provide a publicly available Carbon Usage Effectiveness specific to your offering?	Yes / No	
	Does the technical service articulate the GHG carbon equivalent emissions associated with reduced energy consumption?	Yes / No	
	Does the technical service use EPEAT® registered IT products?	Yes / No	
	Is the Power Usage Effectiveness (PUE) rating, specific to your offering, that is less than 1?	Yes / No	
	Does the technical service measure and provide a publicly available Power Usage Effectiveness (PUE) specific to your offering?	Yes / No	
Circularity & Zero Waste	Is there a data management policy for removing unused data?	Yes / No	
	Does the technical service have a commitment or strategies around Circularity?	Yes / No	
	Does the technical service have a policy for choosing products with extended use/modularity?	Yes / No	
	Does the technical service have a policy for choosing products with recyclability and remanufacturing capabilities?	Yes / No	
Resiliency	Does the technical service use EPEAT® registered IT products?	Yes / No	
	Does the technical service currently have a resilience/vulnerability/sustainability plan?	Yes / No	
	Does the technical service currently have a water management/stewardship strategy?	Yes / No	
	Has the technical service completed a climate vulnerability assessment?	Yes / No	
	Does the technical service currently have data centers situated throughout the country to avoid extreme weather issues that can cause power outages?	Yes / No	

TOTAL SCORE



The most important thing at this point is to have this discussion within your teams and with your vendors to ensure that it is clear that this is an issue which is guiding future decisions. Vendors need to hear that agencies are beginning to make decisions based on the environmental impact.