

**Exhibit No. \_\_\_\_ (Exh. EDH-8)  
Dockets UE-190334/UG-190335/UE-190222  
2019 Avista General Rate Case  
Witness: Ezra D. Hausman, Ph.D.**

**BEFORE THE  
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND  
TRANSPORTATION COMMISSION,**

**Complainant,**

**v.**

**AVISTA CORPORATION d/b/a  
AVISTA UTILITIES,**

**Respondent.**

**DOCKETS UE-190334, UG-190335,  
and UE-190222 (*Consolidated*)**

**EXHIBIT EDH-8 TO THE  
RESPONSE TESTIMONY OF  
EZRA D. HAUSMAN, PH.D.  
ON BEHALF OF SIERRA CLUB**

**October 3, 2019**

**AVISTA CORP.  
RESPONSE TO REQUEST FOR INFORMATION**

JURISDICTION:	WASHINGTON	DATE PREPARED:	07/08/2019
CASE NO.:	UE-190222-334/UG-190335	WITNESS:	Jason Thackston
REQUESTER:	Sierra Club	RESPONDER:	Darrell Soyars
TYPE:	Data Request	DEPT:	Environmental Compliance
REQUEST NO.:	SC 014	TELEPHONE:	(509) 495-2860
		EMAIL:	Darrell.soyars@avistacorp.com

**REQUEST:**

Mr. Thackston states on page 45, lines 17-19 of his direct testimony that "Talen analyzed Regional Haze requirements and determined that a final NO<sub>x</sub> Regional Haze solution would have required both Smart Burn and a SCR." Please provide the referenced analysis and any materials or presentations provided to the Colstrip owners pursuant thereto.

**RESPONSE:**

As discussed by Mr. Thackston on page 45, lines 19-23, the reasoning for this determination was as follows:

The reason for this was that Smart Burn provides the first and easiest reduction of NO<sub>x</sub> by eliminating its up-front formation. By installing Smart Burn first and obtaining the necessary operating data, it would be possible to size a SCR appropriately. Furthermore, future chemical use in a SCR (ammonia) is reduced, and the incoming NO<sub>x</sub> is lower thus reducing O&M expense.