

**EXH. SLT-5
DOCKETS UE-22___/UG-22___
2022 PSE GENERAL RATE CASE
WITNESS: SUZANNE L. TAMAYO**

**BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,**

Complainant,

v.

PUGET SOUND ENERGY,

Respondent.

**Docket UE-22___
Docket UG-22___**

**FOURTH EXHIBIT (NONCONFIDENTIAL) TO THE
PREFILED DIRECT TESTIMONY OF**

SUZANNE L. TAMAYO

ON BEHALF OF PUGET SOUND ENERGY

JANUARY 31, 2022

Major IT Projects to be placed into service from January 2023 through December 2025						
Type	Project	Description	2023	2024	2025	Total
Business Enablement	Data Enablement Program	The DEEP program was initiated in 2020 as a mitigation for PSE's corporate risk related to inability to leverage data to drive strategic business decisions and enhanced customer offerings. A foundational premise for the Data Enablement program is the use of data science to extract actionable insights from the large and ever-increasing volumes of data collected and created across PSE. This program is schedule to run until 2026.	\$3,500,000	\$3,500,000	\$3,000,000	\$10,000,000
	ADMS	The ADMS program provides an integrated platform for distribution system management and optimization. PSE will implement the ADMS solution incrementally, starting with a distribution SCADA environment and establishing a distribution model, migrating Outage Management functionality	\$13,225,863			\$13,225,863

		into ADMS and finally implementing distribution management applications. The ADMS program initiated in 2028 and is scheduled to run until 2023.							
	Other Business Enablement Projects	Funding for smaller projects that are identified by PSE business areas to support corporate strategies, customer needs and emerging or new business needs.	\$19,486,956	\$15,737,682	\$20,976,593	\$56,201,231			
	Business Enablement Total		\$36,212,819	\$19,237,682	\$23,976,593	\$79,427,094			
Systems Modernization	Data Center HW Refresh	This project will replace all data center hardware in accordance with specified asset lives, minimizing risk of unplanned failure or outage. The type of equipment to be replaced includes servers, storage, networking, firewalls and technology backup and recovery platforms.	\$7,135,383			\$7,135,383			
	SAP S/4 HANA Migration	The SAP S/4 HANA Migration project is a large Systems Modernization effort to upgrade all SAP system components due to system obsolescence.		\$10,000,000	\$10,000,000	\$20,000,000			
	Transport Network Modernization	Multi-year project to upgrade PSE's antiquated Transport Network infrastructure, which provides communication links for the majority of PSE's site-	\$2,989,000	\$2,589,000	\$2,204,000	\$7,782,000			

	IT Operational Program	The IT Operational Program provide funds on an annual basis to strategically maintain PSE's IT infrastructure and applications.	\$31,000,000	\$34,250,000	\$35,700,000	\$100,950,000
	Third Party Risk Program	PSE's Third Party Risk Program implements systems to identify and reduce risks relating to the use of third parties.			\$10,500,000	\$10,500,000
	Cyber and Corporate Security Program	The Cyber and Corporate Security Program provides funds on an annual basis to address cyber and physical security risks and the threats they pose.	\$10,400,000	\$8,778,900	\$3,800,868	\$22,979,768
	Other Systems Modernization Projects	Funding for other larger technology reliability projects that are run outside of the IT Operational Programs, typically with multi-year durations.	\$24,052,608	\$3,000,000	\$2,000,000	\$29,052,608
	Systems Modernization Total		\$77,826,991	\$58,617,900	\$74,204,868	\$210,649,759
	Grand Total		\$114,039,810	\$77,855,582	\$98,181,461	\$290,076,853