

**EXH. SLT-3  
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\_\_\_**

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

**SUZANNE L. TAMAYO**

**ON BEHALF OF PUGET SOUND ENERGY**

**JANUARY 31, 2022**

<b>Major IT Projects Placed In-Service from January 2019 through June 2021</b>			
<b>Type</b>	<b>Project</b>	<b>Description</b>	<b>Actuals</b>
<b>Business Enablement</b>	Advanced Distribution Management System Program (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 into ADMS and finally implementing distribution management applications. The ADMS program initiated in 2028 and is scheduled to run until 2023.	\$19,978,381
	New Data Center	Completion of the delivery of two new Data Centers to meet PSE's technology recovery and capacity requirements. Includes decommissioning of older Bothell and Bellevue Data Centers.	\$3,997,737
	Get to Zero Program (GTZ)	Multi-year corporate initiative that focuses on improving the customer experience in many different ways and includes multiple projects throughout the company that tie together to ultimately make doing business with PSE easier for our customers. The GTZ program began in 2016 and completed in 2021. PSE seeks recovery for GTZ investments beginning in January 2020.	\$45,517,726
	Data Enablement Program (DEEP)	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.	\$1,119,213
	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.	\$34,293,2650
<b>Business Enablement Total</b>			<b>\$104,906,414</b>

<b>Systems Modernization</b>	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-to-site data traffic, including all mission critical transmission line relay protection. This program began in 2020 and will complete in 2025.	\$350,547
	Enhanced Substation Communications	This project will modernize the existing analog communication technology associated with Electric Supervisory Control and Data Acquisition ("SCADA") operations to use Distributed Network Protocol (DNP), which was specifically developed for communication between control and data acquisition systems. Obsolete routers, switches, firewalls and Remote Terminal Units (RTUs) at substations related to the system will also be replaced as part of the project. The project is expected to complete work at all sub-stations in 2023.	\$3,918,385
	IT Operational Program	The IT Operational Program provide funds on an annual basis to strategically maintain PSE's IT infrastructure and applications.	\$ 51,722,509
	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.	\$7,430,140
	Other Systems Modernization Projects	Funding for smaller projects that are identified by IT leadership to support core enterprise technology enablement needs.	\$7,199,0977
<b>Systems Modernization Total</b>			<b>\$70,629,678</b>
<b>Grand Total</b>			<b>\$175,527,351</b>