

Witness	Capital Budget Group	Program (AGIS only)	Project Number	Project Description	Functional Class	Activity Year				
						2014	2015	2016	2017	2018
Harkness Aging Technology			11738173	Purch Servers Virtual Comp PSCO	Common General	1,506	-	-	-	-
Harkness Aging Technology			11742452	Purch Servers Service Suite PS	Common General	15,488	-	-	-	-
Harkness Aging Technology			11847591	Purch AMAG Servers PSCO	Common General	149,458	-	-	-	-
Harkness Aging Technology			D.0001703.034	DEMS Ph3 PSC -10639	Common General	-	-	2,174,253	(100)	-
Harkness Aging Technology			D.0001708.010	Purch Server GIS LOC PSCO	Common General	(1,000)	-	-	-	-
Harkness Aging Technology			D.0001736.015	Purch PowerPlan Server PSCO	Common General	-	148,828	-	-	-
Harkness Aging Technology			D.0001739.009	Virtual Comp Phase II HW PSCO	Common General	964,130	-	-	-	-
Harkness Aging Technology			D.0001783.008	Purch LMR HW PSCO	Common General	-	-	-	484,943	-
Harkness Aging Technology			D.0001791.004	Microwave Refresh PSCO only	Common General	9,176,261	155,716	4,555	(1,826,445)	-
Harkness Aging Technology			D.0001792.047	Purch Corp Email HW PSCO	Common General	-	-	520,569	-	-
Harkness Aging Technology			D.0001792.048	Purch GL Server HW Phase 2 PSC	Common General	-	1,662,015	-	-	-
Harkness Aging Technology			D.0001792.051	Purch Teradata HW PSCO	Common General	-	1,883,310	-	582,699	3,336
Harkness Aging Technology			D.0001792.093	Purch Network HW Budget Sys PS	Common General	33,720	-	-	-	-
Harkness Aging Technology			D.0001794.001	CRS Hardware Upgrade 2016 PSCO	Common General	-	-	2,148,606	-	-
Harkness Aging Technology			D.0001795.003	Purch Xcel Corp Network HW PSC	Common General	-	-	1,804,366	-	4,545
Harkness Aging Technology			D.0001797.005	Purch MW Mountain Radio HW PSC	Common General	-	-	3,620,653	(291,646)	-
Harkness Aging Technology			D.0001800.938	Purch Interval Server HW LOC PSCO	Common General	-	-	-	24,995	-
Harkness Aging Technology			D.0001804.056	2013 Planned LAN WAN Refresh	Common General	729,646	-	-	-	-
Harkness Aging Technology			D.0001804.068	2013 Server Refresh	Common General	1,019,555	(427)	-	-	-
Harkness Aging Technology			D.0001804.072	2013 Planned PC Refresh	Common General	6,939	-	-	-	-
Harkness Aging Technology			D.0001804.204	Purch Server RIS Project PSCO	Common General	74,863	-	-	-	-
Harkness Aging Technology			D.0001804.207	2014 Network Handheld HW PSCO	Common General	135,580	-	-	-	-
Harkness Aging Technology			D.0001804.316	Purch Epson Scanners PSCO	Common General	-	-	58,608	-	-
Harkness Aging Technology			D.0001804.370	Purch SAP BI Server HW PSCO	Common General	-	-	-	21,819	-
Harkness Aging Technology			D.0001804.395	Purch Wireless HW PSCO	Common General	-	-	-	-	162,309
Harkness Aging Technology			D.0001818.022	Purch RedZone Network Appl PSC	Common General	21,870	-	-	-	-
Harkness Aging Technology			D.0001818.029	Purch DMS Net Equip LOC PSCO	Common General	-	-	-	1,737,029	3,960,622
Harkness Aging Technology			D.0001820.002	Corp Comm Video Equip PSCO	Common General	4,817	13,875	-	47,950	-
Harkness Aging Technology			D.0001821.100	2013 Unplanned Server Refresh	Common General	2,523	-	-	-	-
Harkness Aging Technology			D.0001821.115	2013 Unplanned PC Refresh	Common General	19,364	-	-	-	-
Harkness Aging Technology			D.0001821.125	2016 Planned PC Refresh PSCO	Common General	-	-	2,973,539	101,614	-
Harkness Aging Technology			D.0001821.147	2014 Unplanned PC Refresh PSCO	Common General	687,459	17,928	-	-	-
Harkness Aging Technology			D.0001821.159	2015 Planned PC Refresh PSCO	Common General	-	1,569,808	1,901	-	(21)
Harkness Aging Technology			D.0001821.171	2015 Unplanned PC Refresh PSCO	Common General	-	884,518	31,953	-	-
Harkness Aging Technology			D.0001821.184	2016 Unplanned PC Refresh PSCO	Common General	-	-	876,996	46,525	-
Harkness Aging Technology			D.0001821.194	2014 Unplanned MDT Refresh	Common General	26,829	-	-	-	-
Harkness Aging Technology			D.0001821.198	2015 Unplanned MDT Refresh	Common General	-	23,545	-	-	-
Harkness Aging Technology			D.0001821.207	2017 Planned PC PSCO	Common General	-	-	-	778,150	(18,136)
Harkness Aging Technology			D.0001821.231	2017 Unplanned PC Refresh PSCO	Common General	-	-	-	783,799	15,583
Harkness Aging Technology			D.0001821.267	2016 Unplanned MDT Refresh PSC	Common General	-	-	40,499	-	-
Harkness Aging Technology			D.0001821.277	2018 IT INFN Network Refresh P	Common General	-	-	-	-	479,619
Harkness Aging Technology			D.0001821.289	2018 Unplanned PC PSCO	Common General	-	-	-	-	2,254,838
Harkness Aging Technology			D.0001821.310	2018 Planned PC PSCO	Common General	-	-	-	-	1,566,957
Harkness Aging Technology			D.0001821.322	2016 Planned MDT Refresh PSCO	Common General	-	-	619,355	(31,411)	-
Harkness Aging Technology			D.0001821.326	2015 Planned MDT Refresh PSCO	Common General	-	1,039,888	99,189	1,949	-
Harkness Aging Technology			D.0001821.329	2013 Storage Refresh PSCO	Common General	1,080,432	-	-	-	-
Harkness Aging Technology			D.0001821.331	2013 VOIP Phone Refresh	Common General	1,518,159	34,925	-	-	-
Harkness Aging Technology			D.0001821.338	Purch 2015 Handheld/Mobile PSC	Common General	-	253,380	-	-	-
Harkness Aging Technology			D.0001821.341	Purch 2016 Handheld Mobile PSC	Common General	-	115,055	-	-	-
Harkness Aging Technology			D.0001821.347	Purch 2018 Handheld Mobile PSC	Common General	-	-	-	-	21,920
Harkness Aging Technology			D.0001821.349	2014 Planned MDT PSCO	Common General	860,551	338,230	-	-	-
Harkness Aging Technology			D.0001821.354	2014 Planned PC Refresh PSCO	Common General	895,134	(28)	-	-	-
Harkness Aging Technology			D.0001821.525	Purch 2017 Handheld PSCO	Common General	-	-	-	112,294	-
Harkness Aging Technology			D.0001822.004	Purch Corp Frame Relay Equip P	Common General	-	-	1,351,865	71,519	-
Harkness Aging Technology			D.0001825.099	Purch Advanced Endpoint HW PSCO	Common General	-	-	-	-	128,056
Harkness Aging Technology			D.0001826.015	Purch Monitors for PitchIt Pro	Common General	14,869	45,430	-	-	-
Harkness Aging Technology			D.0001839.022	2016 Planned Server Refresh PS	Common General	-	-	-	2,672,413	131,607
Harkness Aging Technology			D.0001839.030	2014 IT INFN Network Refresh P	Common General	349,289	41,757	-	-	-
Harkness Aging Technology			D.0001839.034	2014 Planned Server Refresh PS	Common General	669,184	69,717	-	-	-
Harkness Aging Technology			D.0001839.046	2014 Unplanned Server Refresh	Common General	266,539	-	-	-	-
Harkness Aging Technology			D.0001839.054	2016 IT INFN Network Refresh P	Common General	-	-	291,430	242,711	508
Harkness Aging Technology			D.0001839.057	2014 Storage Project PSCO	Common General	1,159,979	804,340	-	-	-
Harkness Aging Technology			D.0001839.062	2015 IT INFN Network Refresh P	Common General	-	33,549	548,416	5,829	-
Harkness Aging Technology			D.0001839.066	2015 Planned Server Refresh PS	Common General	-	-	25,126	663,129	-
Harkness Aging Technology			D.0001839.078	2015 Unplanned Server Refresh	Common General	-	-	112,928	-	-
Harkness Aging Technology			D.0001839.098	2016 Unplanned Server Refresh	Common General	-	-	268,048	2,263	-
Harkness Aging Technology			D.0001839.109	2016 Storage Project PSCO	Common General	-	-	1,772,906	322,389	2,737,667
Harkness Aging Technology			D.0001839.115	Purch Mainframe HW LOC PSCO	Common General	4,615,389	(382,860)	7,452	-	-
Harkness Aging Technology			D.0001839.147	2018 Storage Annual Refresh PS	Common General	-	-	-	-	656,658
Harkness Aging Technology			D.0001839.153	2013 Wireless HW PSCO	Common General	-	-	383,885	3,908,291	222,922
Harkness Aging Technology			D.0001839.165	Purch ARMZ Network Equip PSCO	Common General	175,728	111	-	-	-
Harkness Aging Technology			D.0001839.172	Purch Site Infrastructure PSC	Common General	1,982,173	(62,747)	-	-	-
Harkness Aging Technology			D.0001839.176	Purch Core Network Core HW PSC	Common General	-	2,356,855	1,951,573	56,966	-
Harkness Aging Technology			D.0001839.197	Purch Metro SCADA HW PSCO	Common General	-	343,365	31,480	90,551	-
Harkness Aging Technology			D.0001839.201	Purch Network Reliability HW P	Common General	704,210	6,113	-	-	551,891
Harkness Aging Technology			D.0001839.234	Purch Data Center Core Rt HW P	Common General	-	850,276	12,691	2,703,766	-
Harkness Aging Technology			D.0001839.263	Purch DACS Network Equip PSCO	Common General	-	2,056,830	53,842	1,190,885	1,383
Harkness Aging Technology			D.0001839.352	2014 IT INFN Network Refr PSCO	Common General	-	150,808	-	-	-
Harkness Aging Technology			D.0001839.353	Purch Network Voice System LOC	Common General	531,974	133,946	4,044	-	-
Harkness Aging Technology			D.0001839.356	Purch Windows 2003 Server HW P	Common General	-	-	-	4,089,327	-
Harkness Aging Technology			D.0001839.362	2014 Storage Project PSCO	Common General	-	3,421,854	2,220,440	-	-
Harkness Aging Technology			D.0001839.365	Purch PLC CADD HW PSCO	Common General	-	18,269	1,089	-	-
Harkness Aging Technology			D.0001839.367	Purch PSCO Gold Elite HW PSCO	Common General	-	-	-	-	3,613,450
Harkness Aging Technology			D.0001839.374	Purch 2015 VOIP HW PSCO	Common General	-	754,759	(169,952)	1,014,399	(4)
Harkness Aging Technology			D.0001839.619	Purch Avaya Server HW PSCO	Common General	-	-	-	-	94,008
Harkness Aging Technology			D.0001839.654	Purch NS T&D WAM PSCO	Common General	-	-	-	174,264	560
Harkness Aging Technology			D.0001839.693	Purch PSCO Mtn Ph2 HW	Common General	-	-	-	1,072,450	1,370,340
Harkness Aging Technology			D.0001839.773	Purch Net Core Rte HW PSCO	Common General	-	-	-	1,131,795	(123,250)
Harkness Aging Technology			D.0001839.781	Purch FAN Backhaul Net Equip HW PSC	Common General	-	-	-	638,688	1,809,740
Harkness Aging Technology			D.0001840.003	2017 Network Refresh PSCO	Common General	-	-	-	320,114	977,654
Harkness Aging Technology			D.0001840.009	Purch 2017 Storage Ref PSC	Common General	-	-	-	2,811,642	564,047
Harkness Aging Technology			D.0001840.025	Purch VOIP CM Net PSC	Common General	-	-	-	131,720	101,014
Harkness Aging Technology			D.0001840.038	Purch 2017 MDT Refresh PSCO	Common General	-	-	-	281,745	-
Harkness Aging Technology			D.0002016.003	Purch T&D MPLS - Unplanned (2017) P	Common General	-	-	-	-	504,941
Harkness Aging Technology			D.0002021.003	Purch Facility IT Investments HW PS	Common General	-	-	-	-	128,156
Harkness Aging Technology			11683130	Kofax SW Upgrade PSCO	Common Intangible	1,823	-	-	-	-

						Activity Year				
Witness	Capital Budget Group	Program (AGIS only)	Project Number	Project Description	Functional Class	2014	2015	2016	2017	2018
Harkness Aging Technology			11704765	Call Reporting New Version PSC	Common Intangible	(222)	-	-	-	-
Harkness Aging Technology			11727751	AIX Linux Server OS SW Upgrade PSCO	Common Intangible	11,945	-	-	-	-
Harkness Aging Technology			D.0001700.006	Regulatory Process Standard SW	Common Intangible	4,200,058	(2,748)	-	-	-
Harkness Aging Technology			D.0001701.006	Enterprise Purge and Archive S	Common Intangible	840,585	13,755	-	-	-
Harkness Aging Technology			D.0001704.006	RPAM Landworks PSCO	Common Intangible	3,186,739	13	-	-	-
Harkness Aging Technology			D.0001705.006	RPAM Tririga PSCO	Common Intangible	1,340,731	4,506	-	-	-
Harkness Aging Technology			D.0001706.006	Windows 7 OS Migration SW PSCO	Common Intangible	4,824,632	71,207	-	-	-
Harkness Aging Technology			D.0001707.006	ESC Environmental Compliance S	Common Intangible	3,372,946	55,619	-	-	-
Harkness Aging Technology			D.0001709.006	Service Suite 10 PSCO	Common Intangible	5,338,846	9,940	-	-	-
Harkness Aging Technology			D.0001713.007	GRC Compliance SW PSCO	Common Intangible	2,340,146	10,147	-	-	-
Harkness Aging Technology			D.0001719.006	Business Obj New Release Ver 4	Common Intangible	771,767	2,154	-	-	-
Harkness Aging Technology			D.0001720.006	SharePoint New Version SW PSCO	Common Intangible	299,868	(115)	-	-	-
Harkness Aging Technology			D.0001724.007	Early Case Assessment SW PSCO	Common Intangible	-	391,536	-	-	-
Harkness Aging Technology			D.0001730.006	XE XM Upgrade SW PSCO	Common Intangible	1,162,964	43,567	-	-	-
Harkness Aging Technology			D.0001731.006	EPM Ph 3.5 SW PSCO	Common Intangible	-	478,376	-	-	-
Harkness Aging Technology			D.0001732.006	Emptoris Upgrade SW PSCO	Common Intangible	787,073	(4,034)	-	-	-
Harkness Aging Technology			D.0001737.006	Services Virtualization SW PSC	Common Intangible	390,605	-	-	-	-
Harkness Aging Technology			D.0001738.007	GIS Upgrade 4.3 SW	Common Intangible	-	-	2,758,432	(1,688)	-
Harkness Aging Technology			D.0001739.006	Virtual Comp Phase II SW PSCO	Common Intangible	239,411	286	-	-	-
Harkness Aging Technology			D.0001742.006	CRS Extend SW Part 2 PSCO	Common Intangible	251,867	(1)	-	-	-
Harkness Aging Technology			D.0001744.018	IrthNet Damage Prevent SW PSCO	Common Intangible	-	-	-	-	1,461,633
Harkness Aging Technology			D.0001744.026	ITSM Ph4 SW PSCO	Common Intangible	-	-	1,695,843	265,639	3,092
Harkness Aging Technology			D.0001744.043	Teradata HW SW PSCO	Common Intangible	-	-	-	275,767	59
Harkness Aging Technology			D.0001745.006	CPC Phase II SW PSCO	Common Intangible	199,824	890	-	-	-
Harkness Aging Technology			D.0001748.006	Corp Email SW PSCO	Common Intangible	-	-	829,706	49,164	-
Harkness Aging Technology			D.0001751.006	Oracle DB SW PSCO	Common Intangible	673,894	-	-	-	-
Harkness Aging Technology			D.0001752.007	CPC Phase II Outage SW PSCO	Common Intangible	-	1,397,294	-	-	-
Harkness Aging Technology			D.0001758.008	SCCM Upgrade SW PSCO	Common Intangible	-	-	665,942	-	-
Harkness Aging Technology			D.0001759.006	Fleet Focus SW PSCO	Common Intangible	-	-	841,390	4,865	(289)
Harkness Aging Technology			D.0001762.006	Clarity FSR System SW PSCO	Common Intangible	-	-	115,949	-	-
Harkness Aging Technology			D.0001763.006	ITSM Ph 3 SW PSCO	Common Intangible	-	200,604	26,994	-	-
Harkness Aging Technology			D.0001767.006	Self Service and PAF SW PSCO	Common Intangible	-	-	301,397	50,413	(5,315)
Harkness Aging Technology			D.0001770.006	Electronic Data SW PSCO	Common Intangible	-	-	-	509,431	4,962
Harkness Aging Technology			D.0001770.013	Secure File&Transfer Ph 2 SW PSC -1	Common Intangible	-	-	-	-	277,785
Harkness Aging Technology			D.0001770.019	Sec File Ph3 SW PSC-10716	Common Intangible	-	-	-	-	39,097
Harkness Aging Technology			D.0001774.006	Remittance Process SW PSCO	Common Intangible	-	-	473,753	-	-
Harkness Aging Technology			D.0001792.007	Data Warehouse Env Ref SW PSCO	Common Intangible	-	-	-	-	54,936
Harkness Aging Technology			D.0001792.015	Documentum New Version SW PSCO	Common Intangible	511,274	51	-	-	-
Harkness Aging Technology			D.0001792.091	Budget System Upgrade SW PSCO	Common Intangible	3,819,352	57,102	-	-	-
Harkness Aging Technology			D.0001792.151	XE.COM Optimization Ph2 SW PSC-1066	Common Intangible	-	-	-	3,323,049	53,272
Harkness Aging Technology			D.0001794.004	CRS Tech Stack SW PSCO	Common Intangible	-	-	802,599	2,678	-
Harkness Aging Technology			D.0001796.017	Netwrk Tools Telecom Exp SW PSC-106	Common Intangible	-	-	-	-	997,520
Harkness Aging Technology			D.0001805.003	Next Gen Desktop SW PSCO	Common Intangible	-	-	-	-	7,903,648
Harkness Aging Technology			D.0001822.035	TD Ciena Network SW PSC-10642	Common Intangible	-	-	-	154,082	9
Harkness Aging Technology			D.0001825.097	Advanced Endpoint SW PSC-10685	Common Intangible	-	-	-	-	694,755
Harkness Aging Technology			D.0001826.160	Verint Workforce Mgmt SW PSCO	Common Intangible	-	-	-	-	1,221,869
Harkness Aging Technology			D.0001826.190	Demand Response Manage SW PSCO	Common Intangible	-	-	-	-	4,952,313
Harkness Aging Technology			D.0001826.198	Rational Ph2 SW PSCO	Common Intangible	-	587,717	-	-	-
Harkness Aging Technology			D.0001826.365	Microsoft Core SW PSC-10678	Common Intangible	-	-	-	565,732	-
Harkness Aging Technology			D.0001826.380	Mobile App Ph2 SW PSC-10695	Common Intangible	-	-	-	-	182,644
Harkness Aging Technology			D.0001839.132	Xcel Corporate Network SW PSCO	Common Intangible	952,010	-	-	-	-
Harkness Aging Technology			D.0001839.163	OpenText SW Upgrade PSCO	Common Intangible	162,027	-	-	-	-
Harkness Aging Technology			D.0001839.378	Redsky e911 SW PSCO	Common Intangible	-	-	-	-	495,063
Harkness Aging Technology			D.0001839.404	IE11 Browser Java SW PSCO	Common Intangible	-	-	308,961	-	-
Harkness Aging Technology			D.0001839.412	NetBackup New Tradition SW PSC	Common Intangible	-	-	131,436	-	-
Harkness Aging Technology			D.0001839.605	CRS IVR SW PSCO-10643	Common Intangible	-	-	-	80,961	-
Harkness Aging Technology			D.0001839.612	CRS CM SW PSCO-10644	Common Intangible	-	-	-	123,622	157,108
Harkness Aging Technology			D.0001839.791	WebSphere-BSPRJ000932 SW PSC	Common Intangible	-	-	-	1,391,584	-
Harkness Aging Technology			D.0001839.813	DMZ Symantec SW PSC -10663	Common Intangible	-	-	-	202,507	-
Harkness Aging Technology			D.0001839.820	DMZ Airwatch SW PSC-10664	Common Intangible	-	-	-	226,516	11,866
Harkness Aging Technology			D.0002003.003	2017 Oracle Licenses	Common Intangible	-	-	-	1,565,481	-
Harkness Aging Technology			D.0002003.009	2018 Oracle SW PSC-10701	Common Intangible	-	-	-	-	1,601,097
Harkness Aging Technology			D.0002004.003	SAP Data Mart SW PSC-10675	Common Intangible	-	-	-	261,980	1,269
Harkness Aging Technology			D.0002034.003	CEC-TCPA Do Not Call SW PSC-10703	Common Intangible	-	-	-	-	147,813
Harkness Aging Technology			D.0002066.003	Bus Obj Ref SW PSC-10698	Common Intangible	-	-	-	-	434,319
Harkness Aging Technology			D.0002067.003	OSI Ent Agree SW PSC-10726	Common Intangible	-	-	-	-	699,065
Harkness Aging Technology			D.0002162.003	Microsoft Core Server SW PSC-10727	Common Intangible	-	-	-	-	506,585
Harkness Aging Technology			11088756	2013 EMS Workstation Hardware	Electric General	(0)	-	-	-	-
Harkness Aging Technology			11847579	Purch Subnet Servers PSCO	Electric General	26,436	-	-	-	-
Harkness Aging Technology			D.0001703.005	Dynamic EMS Environment Phase	Electric General	-	-	7,256,114	-	-
Harkness Aging Technology			D.0001703.008	Purch EMS DEMS Ph2 HW PSCO	Electric General	-	-	9,832,459	(229,737)	-
Harkness Aging Technology			D.0001703.039	Purch DEMS PH3 Server PSCO	Electric General	-	-	10,418	-	-
Harkness Aging Technology			D.0001792.056	Upgrade IEE 5.3 to IEE 8.1 HW	Electric General	-	-	42,172	-	-
Harkness Aging Technology			D.0001797.008	Purch Sub Frame Relay Equip PS	Electric General	-	-	1,089,370	557,783	(24,041)
Harkness Aging Technology			D.0001821.180	2015 EMS Infrastructure Refres	Electric General	-	159,557	-	19,847	-
Harkness Aging Technology			D.0001821.187	2016 EMS Infrastructure Refr P	Electric General	-	-	-	114,823	-
Harkness Aging Technology			D.0001821.272	Purch Telecom VOIP HW PSCO	Electric General	23,950	(5,700)	-	-	-
Harkness Aging Technology			D.0001821.306	2018 EMS Infra Refresh PSCO	Electric General	-	-	-	-	171,813
Harkness Aging Technology			D.0001821.350	02013 VOIP Phone Refresh ELE P	Electric General	561,473	69	-	-	-
Harkness Aging Technology			D.0001821.358	2014 EMS Infrastructure HW PSC	Electric General	53,804	-	-	-	-
Harkness Aging Technology			D.0001821.394	2014 EMS Infrastructure HW PSC	Electric General	23,560	-	-	-	-
Harkness Aging Technology			D.0001821.443	2015 EMS Infrastructure PSCO	Electric General	-	2,573	-	-	-
Harkness Aging Technology			D.0001822.056	Purch Sub Frame BAU Sites PSCO	Electric General	-	-	-	402,037	127,388
Harkness Aging Technology			D.0001828.003	Purch NS T&D Network Equip PSC	Electric General	-	-	2,244,830	133,554	-
Harkness Aging Technology			D.0001828.007	Purch NS Dist Network Equip PS	Electric General	-	977,517	163,954	326,522	23
Harkness Aging Technology			D.0001839.159	2013 Planned LAN/WAN elec PSCO	Electric General	98,489	(0)	-	-	-
Harkness Aging Technology			D.0001839.347	2014 IT INFNS Network Refresh P	Electric General	110,591	(9)	-	-	-
Harkness Aging Technology			D.0001839.409	Purch Metro SCADA Boulder PSCO	Electric General	-	-	-	1,067,998	79,222
Harkness Aging Technology			D.0001839.666	Purch Greeley MW PSCO	Electric General	-	-	76,796	337,526	-
Harkness Aging Technology			D.0001839.826	Purch Net Core EL NET Greeley PSCO	Electric General	-	-	-	30,196	56,698
Harkness Aging Technology			D.0001840.017	2017 EMS Refresh Comm Equip PSC	Electric General	-	-	-	123,689	-
Harkness Aging Technology			D.0001840.033	Purch VOIP EL Net PSCO	Electric General	-	-	-	525,741	1,090,215
Harkness Aging Technology			10531451	CCHOC-FERC License Application	Electric Intangible	4,117	-	-	-	-

					Activity Year					
Witness	Capital Budget Group	Program (AGIS only)	Project Number	Project Description	Functional Class	2014	2015	2016	2017	2018
Harkness Aging Technology			11534210	OSI SW PSCO	Electric Intangible	(28,087)	-	-	-	-
Harkness Aging Technology			11866280	Fuelworx New Version SW PSCO	Electric Intangible	133,020	-	-	-	-
Harkness Aging Technology			11873726	OSI Soft Pl SW PSCO	Electric Intangible	302,987	-	-	-	-
Harkness Aging Technology			D.0001708.006	GIST Ph3 SW PSCO	Electric Intangible	-	2,722,596	15,985	-	-
Harkness Aging Technology			D.0001716.006	Meridium New Version PSCO	Electric Intangible	988,615	951	-	-	-
Harkness Aging Technology			D.0001743.006	Upgrade IEE 5.3 to IEE 8.1 SW	Electric Intangible	-	-	636,183	1,472	(94)
Harkness Aging Technology			D.0001804.104	IEM EMS SW PSCO	Electric Intangible	1,890,457	2	-	-	-
Harkness Aging Technology			D.0001826.130	OSI SW PSCO	Electric Intangible	210,149	-	-	-	-
Harkness Aging Technology			D.0002002.006	NMS 1.12 Upgrade SW PSC-10669	Electric Intangible	-	-	-	-	2,966,160
Harkness AGIS	FAN		D.0001900.047	Purch FAN Net CM COMM PSCO	Common General	-	-	-	15,212,754	5,982,042
Harkness AGIS	AMI		D.0001901.037	AMI-BS-Exadata-PSCO	Electric General	-	-	-	-	679,036
Harkness Cyber Security			11673761	Purch Vulnerability Mgmt Appl	Common General	502,320	-	-	-	-
Harkness Cyber Security			D.0001771.009	Purch Cert Key HW PSCO	Common General	-	-	-	-	161,753
Harkness Cyber Security			D.0001804.125	Purch Network Appl Camera Upgr	Common General	297,722	222,400	196,599	252,890	10,959
Harkness Cyber Security			D.0001818.010	Security Network (CRISP) HW PS	Common General	-	238,195	-	-	-
Harkness Cyber Security			D.0001818.020	Purch Disaster Recovery HW PSC	Common General	177,503	-	-	-	-
Harkness Cyber Security			D.0001818.055	Purch Security Incident HW PSC	Common General	-	-	-	1,041,131	-
Harkness Cyber Security			D.0001818.057	Purch Data Security HW PSCO	Common General	-	-	-	61,132	-
Harkness Cyber Security			D.0001818.114	Purch SOC Exp HW PSCO	Common General	-	-	-	-	5,289
Harkness Cyber Security			D.0001825.003	Purch Firewall Network Equip P	Common General	-	632,404	329,844	252	-
Harkness Cyber Security			D.0001825.011	Purch Perimeter Security HW PS	Common General	-	-	814,281	468,802	-
Harkness Cyber Security			D.0001825.027	Purch Mobile Device HW PSCO	Common General	114,277	37,792	7,434	-	-
Harkness Cyber Security			D.0001825.048	Purch DR Ph2 HW PSCO	Common General	-	463,134	26,872	-	-
Harkness Cyber Security			D.0001826.168	Forensic Investigate HW PSCO	Common General	-	21,500	2,531	-	-
Harkness Cyber Security			D.0001826.356	Purch Security Camera HW PSCO	Common General	-	-	-	99,613	55,350
Harkness Cyber Security			D.0001839.823	Purch Sec Protect HW PSCO	Common General	-	-	-	312,467	(52,022)
Harkness Cyber Security			D.0001840.106	Purch Sec Camera HW PSCO	Common General	-	-	-	-	464,320
Harkness Cyber Security			D.0002005.008	Purch CDC HW Larimer PSCO	Common General	-	-	-	1,535,538	22,846
Harkness Cyber Security			D.0002098.009	Purch CyberArk HW LOC PSCO	Common General	-	-	-	-	224,124
Harkness Cyber Security			D.0002129.006	Net Int Protect HW PSC	Common General	-	-	-	-	518,471
Harkness Cyber Security			11790101	Vulnerability Mgmt Scanner SW	Common Intangible	439,313	-	-	-	-
Harkness Cyber Security			D.0001715.007	Identity and Access Mgmt SW PS	Common Intangible	1,260,231	30,034	-	-	-
Harkness Cyber Security			D.0001733.006	Endpoint Security SW PSCO	Common Intangible	-	564,467	25,248	-	-
Harkness Cyber Security			D.0001734.007	Riskmaster v14.1 SW PSCO	Common Intangible	-	433,456	-	-	-
Harkness Cyber Security			D.0001747.007	Data Loss Ph2 SW PSCO	Common Intangible	-	-	-	-	48,473
Harkness Cyber Security			D.0001754.006	Identity & Access Mgmt QAS SW	Common Intangible	-	-	283,320	6,511	(6,361)
Harkness Cyber Security			D.0001755.006	Identity & Access Management S	Common Intangible	-	-	1,698,211	45,318	2,294
Harkness Cyber Security			D.0001761.006	Database Security SW PSCO	Common Intangible	-	-	513,989	42,074	609
Harkness Cyber Security			D.0001771.006	Certificate Key Mgmt SW PSCO	Common Intangible	-	-	-	-	1,005,921
Harkness Cyber Security			D.0001783.016	WebSense SW PSC-10670	Common Intangible	-	-	-	35,813	650
Harkness Cyber Security			D.0001804.364	eGRC Security SW PSCO -10660	Common Intangible	-	-	-	-	174,323
Harkness Cyber Security			D.0001804.375	EGRC Security Ph2 SW PSC-10668	Common Intangible	-	-	-	191,713	28,011
Harkness Cyber Security			D.0001818.016	Security Incident SW PSCO	Common Intangible	-	-	-	1,177,554	-
Harkness Cyber Security			D.0001818.076	Vulnerability NexPose SW PSC-10665	Common Intangible	-	-	-	225,539	439
Harkness Cyber Security			D.0001818.083	Vulnerability AppSpider SW PSC-10666	Common Intangible	-	-	-	141,611	21,577
Harkness Cyber Security			D.0001818.089	SIEM Extension SW PSC-10679	Common Intangible	-	-	-	288,558	45,480
Harkness Cyber Security			D.0001818.107	Emergency Mass SW PSC-10709	Common Intangible	-	-	-	-	230,657
Harkness Cyber Security			D.0001839.641	Network Security Protect SW PSCO-10	Common Intangible	-	-	-	805,782	406
Harkness Cyber Security			D.0002001.006	SailPoint Extension SW PSCO-10667	Common Intangible	-	-	-	583,784	(10,374)
Harkness Cyber Security			D.0002001.013	Sailpoint Ph3 SW PSC-10717	Common Intangible	-	-	-	-	437,510
Harkness Cyber Security			D.0002008.003	Ent DataBase Security Ph2 SW PSC-10	Common Intangible	-	-	-	-	300,552
Harkness Cyber Security			D.0002090.003	IT Service Request SW PSC-10699	Common Intangible	-	-	-	-	514,996
Harkness Cyber Security			D.0002090.012	Microfocus SW PSC-10721	Common Intangible	-	-	-	-	1,028,091
Harkness Cyber Security			D.0002098.003	CyberArk PAM SW PSC-10694	Common Intangible	-	-	-	-	417,893
Harkness Cyber Security			D.0002099.006	Firewall Rule Mgmt SW PSC-10707	Common Intangible	-	-	-	-	679,522
Harkness Cyber Security			D.0002101.005	eGRC Ph3 SW PSC-10719	Common Intangible	-	-	-	-	160,937
Harkness Cyber Security			D.0001826.018	Purch Network Camera Appl HW P	Electric General	-	78,210	285,535	119,135	30,724
Harkness Cyber Security			D.0002000.006	Purch CIP Appl PSC	Electric General	-	-	-	-	1,646,023
Harkness Enhance Capabilities			11804218	Purch Server RIS Project PSCO	Common General	572	-	-	-	-
Harkness Enhance Capabilities			11862032	Purch Server LOC PSCO	Common General	263,976	-	-	-	-
Harkness Enhance Capabilities			D.0001804.130	Purch Fleet Network GPS HW PSC	Common General	(6,560)	-	-	-	-
Harkness Enhance Capabilities			D.0001804.196	Purch Fleet Diagnostics Laptop	Common General	-	317,256	-	-	-
Harkness Enhance Capabilities			D.0001818.096	Purch SIEM HW LOC PSCO	Common General	-	-	-	-	128,709
Harkness Enhance Capabilities			D.0001825.004	Purch VPN Network Equip PSCO	Common General	190,133	-	-	-	-
Harkness Enhance Capabilities			D.0002007.007	Purch Digital Signage HW PSC	Common General	-	-	-	-	49,956
Harkness Enhance Capabilities			D.0002165.002	Purch OT Monitor HW PSC	Common General	-	-	-	-	212,724
Harkness Enhance Capabilities			10815980	Bill Print Redesign	Common Intangible	858	-	-	-	-
Harkness Enhance Capabilities			11551374	Supply Chain Analytics Data Ma	Common Intangible	(1,280)	-	-	-	-
Harkness Enhance Capabilities			11614022	Operation Config Mgmt SW PSCO	Common Intangible	744,585	-	-	-	-
Harkness Enhance Capabilities			11648158	Virtual Computing SW PSCO	Common Intangible	23,392	-	-	-	-
Harkness Enhance Capabilities			11656506	EPM Ph3 SW PSCO	Common Intangible	23,616	-	-	-	-
Harkness Enhance Capabilities			11679487	ELearning LMS New Version PSC	Common Intangible	733,326	-	-	-	-
Harkness Enhance Capabilities			11753880	My Account New Module PSCO	Common Intangible	2,591,480	-	-	-	-
Harkness Enhance Capabilities			11772032	Power Source Ph2 SW PSCO	Common Intangible	(564)	-	-	-	-
Harkness Enhance Capabilities			11909892	Ent SDLC Rational SW PSCO	Common Intangible	412,733	-	-	-	-
Harkness Enhance Capabilities			D.0001710.006	ITSM Ph2 PSCO	Common Intangible	3,146,422	2,774	-	-	-
Harkness Enhance Capabilities			D.0001712.007	Dodd Frank Compliance PSCO	Common Intangible	4,267,394	-	-	-	-
Harkness Enhance Capabilities			D.0001714.006	CMS Phase 4 PSCO	Common Intangible	3,109,729	124,830	-	-	-
Harkness Enhance Capabilities			D.0001714.033	Commodity Mgmt Sys Ph 3	Common Intangible	(416)	-	-	-	-
Harkness Enhance Capabilities			D.0001717.006	Integrated Talent Mgmt SW PSCO	Common Intangible	768,605	(398)	-	-	-
Harkness Enhance Capabilities			D.0001727.006	Cust Care Multi Channel SW PSC	Common Intangible	895,925	(721)	-	-	-
Harkness Enhance Capabilities			D.0001735.006	Builders Portal SW PSCO	Common Intangible	-	1,454,582	17,281	(536)	-
Harkness Enhance Capabilities			D.0001738.013	GeoSpatial Integration SW PSCO-1065	Common Intangible	-	-	-	-	4,893,718
Harkness Enhance Capabilities			D.0001741.006	Data Quality Tool SW PSCO	Common Intangible	-	-	2,280,208	74,764	(4,249)
Harkness Enhance Capabilities			D.0001744.006	Powerplant Upgrade SW PSCO	Common Intangible	-	808,836	5,844	-	-
Harkness Enhance Capabilities			D.0001744.013	Powerplan Upgrade SW (Ph 2) PS	Common Intangible	-	-	-	574,321	-
Harkness Enhance Capabilities			D.0001744.034	Corporate Giving SW PSCO	Common Intangible	-	-	-	192,581	72
Harkness Enhance Capabilities			D.0001746.006	My Account ReDesign SW PSCO	Common Intangible	-	1,061,720	-	-	-
Harkness Enhance Capabilities			D.0001753.007	ITM Ph 2 Recruiting SW PSCO	Common Intangible	-	365,445	110	-	-
Harkness Enhance Capabilities			D.0001756.006	XE XM Online Ph 2 SW PSCO	Common Intangible	-	405,421	-	-	-
Harkness Enhance Capabilities			D.0001757.006	Regulatory Info Sys Ph2 SW PSC	Common Intangible	-	436,904	31,409	602	-
Harkness Enhance Capabilities			D.0001760.007	eGRC PHase 2 SW PSCO	Common Intangible	-	378,687	109,664	-	-
Harkness Enhance Capabilities			D.0001763.013	ITSM Secure Ticket SW PSC-10676	Common Intangible	-	-	-	216,000	4,225
Harkness Enhance Capabilities			D.0001765.006	2015 Real Property Asset Mgmt	Common Intangible	-	-	500,074	-	-

Witness	Capital Budget Group	Program (AGIS only)	Project Number	Project Description	Functional Class	Activity Year				
						2014	2015	2016	2017	2018
Harkness Enhance Capabilities			D.0001769.006	ESC Environmental Compliance P	Common Intangible	-	141,906	4,195	-	-
Harkness Enhance Capabilities			D.0001773.006	PIE Community Energy SW PSCO	Common Intangible	-	86,523	1,432	-	-
Harkness Enhance Capabilities			D.0001792.140	10634-eGERC NERC SW PSC	Common Intangible	-	-	-	856,851	377
Harkness Enhance Capabilities			D.0001792.161	Informatica New Ver-10673 SW PSC	Common Intangible	-	-	-	102,359	36,683
Harkness Enhance Capabilities			D.0001796.024	Netwrk Tools Mgmt SW PSC-10700	Common Intangible	-	-	-	-	335,101
Harkness Enhance Capabilities			D.0001800.931	Automated Credit Mgmt SW PSC -10635	Common Intangible	-	-	-	169,537	-
Harkness Enhance Capabilities			D.0001804.150	Interval Complex Billing SW PS	Common Intangible	-	-	-	-	3,234,153
Harkness Enhance Capabilities			D.0001804.210	Whole Building Benchmarking SW	Common Intangible	-	600,623	945	-	-
Harkness Enhance Capabilities			D.0001804.213	Digital Appliance SW PSCO	Common Intangible	-	-	402,632	-	-
Harkness Enhance Capabilities			D.0001804.305	Federated Records SW PSCO-10640	Common Intangible	-	-	-	1,131,676	(32,099)
Harkness Enhance Capabilities			D.0001804.350	SAP Fin Data Mart SW PSCO-10658	Common Intangible	-	-	-	337,400	-
Harkness Enhance Capabilities			D.0001804.368	Integrated Talent Ph4SW PSC-10637	Common Intangible	-	-	-	284,138	736
Harkness Enhance Capabilities			D.0001826.063	Mobile Application Customer SW	Common Intangible	-	-	-	1,410,957	16,748
Harkness Enhance Capabilities			D.0001826.100	Matter Management SW PSCO	Common Intangible	-	-	-	220,734	190
Harkness Enhance Capabilities			D.0001826.178	XE.Com Optimizations SW PSCO	Common Intangible	-	-	577,893	-	-
Harkness Enhance Capabilities			D.0001826.182	Field Ops Mobile App SW PSCO	Common Intangible	-	-	329,146	-	-
Harkness Enhance Capabilities			D.0001826.185	ITM Ph3 Performance SW PSCO	Common Intangible	-	-	200,891	-	-
Harkness Enhance Capabilities			D.0001826.202	Rational Ph3 SW PSCO	Common Intangible	-	-	93,911	-	-
Harkness Enhance Capabilities			D.0001826.210	ITSA Pole Phase 3 SW PSCO	Common Intangible	-	-	320,242	18,189	(1,799)
Harkness Enhance Capabilities			D.0001826.236	Informatica SW PSCO	Common Intangible	-	309,253	521	-	-
Harkness Enhance Capabilities			D.0001826.240	SAP BI Suite SW PSCO	Common Intangible	-	-	443,471	27,420	(1,767)
Harkness Enhance Capabilities			D.0001826.246	2015 RPAM Phase 3 Amort SW PSC	Common Intangible	-	-	-	-	1,344,869
Harkness Enhance Capabilities			D.0001839.185	Mobile Computing Infra SW PSCO	Common Intangible	-	-	-	2,342,963	2,350
Harkness Enhance Capabilities			D.0001839.390	Sharepoint 2013 Ph2 SW PSCO	Common Intangible	-	-	-	-	1,973,033
Harkness Enhance Capabilities			D.0001839.634	VMware Private Cloud SW PSCO -10647	Common Intangible	-	-	3,976,896	(18,929)	(804)
Harkness Enhance Capabilities			D.0002007.003	Digital Signage SW PSC-10671	Common Intangible	-	-	-	159,542	72,407
Harkness Enhance Capabilities			D.0002020.013	SAP Cont Improve R18 SW PSC-10706	Common Intangible	-	-	-	-	620,696
Harkness Enhance Capabilities			11653400	Purch Synchrophaser LOC PSCO	Electric General	70,953	-	-	-	-
Harkness Enhance Capabilities			A.0001548.005	BUS SYS Purch Rush Creek Net LAN PS	Electric General	-	-	-	-	1,345,871
Harkness Enhance Capabilities			D.0001718.007	Purch Wind Predictor Net HW PS	Electric General	-	-	54,932	-	-
Harkness Enhance Capabilities			D.0001718.004	Wind Predictor Enhance SW PSCO	Electric Intangible	-	906,651	59	-	-
Harkness Enhance Capabilities			D.0001718.006	Wind Predictor Enhancement Sol	Electric Intangible	-	-	472,026	-	-
Harkness Enhance Capabilities			D.0001721.006	ITSA Pole Ph2 SW PSC	Electric Intangible	-	893,308	26,071	-	-
Harkness Enhance Capabilities			D.0001722.006	Focal Point Network Mgmt SW P	Electric Intangible	-	1,304,697	(1,445)	-	-
Harkness Enhance Capabilities			D.0001725.005	Wind Predictor Load Balancing	Electric Intangible	-	189,062	769	988	-
Harkness Enhance Capabilities			D.0001729.007	Solar Data Warehouse SW PSCO	Electric Intangible	427,015	-	-	-	-
Harkness Enhance Capabilities			D.0001738.019	GeoSpatial Trans SW PSC-10672	Electric Intangible	-	-	-	450,524	-
Harkness Enhance Capabilities			D.0001766.006	Diagnostic Center SW PSCO	Electric Intangible	-	469,402	(662)	-	-
Harkness Enhance Capabilities			D.0001815.042	Renewable Energy SW PSCO-10649	Electric Intangible	-	-	401,592	(3,331)	(2,731)
Harkness Enhance Capabilities			D.0001815.051	CRS PSCO Time of Use SW PSC	Electric Intangible	-	-	-	321,799	398
Harkness Enhance Capabilities			D.0001818.006	CIP Substation SW PSCO	Electric Intangible	-	56,046	59,183	-	-
Harkness Enhance Capabilities			D.0001826.162	Front Range Dispatch SW PSCO	Electric Intangible	-	-	703,849	(1,939)	-
Harkness Enhance Capabilities			D.0001826.169	Diagnostic Center Ph3 SW PSCO	Electric Intangible	-	-	208,610	1,690	-
Harkness Enhance Capabilities			D.0001826.232	Solar Energy Grid SW PSCO	Electric Intangible	-	-	-	170,587	16
Harkness Enhance Capabilities			D.0001826.256	OSI PI SW PSCO	Electric Intangible	-	1,337,516	2,071	-	-
<b>88,425,600</b>						<b>40,330,275</b>	<b>69,570,674</b>	<b>70,323,105</b>	<b>77,346,590</b>	