

## Project Status Letter

**PSL number:** 08

**Covering period from:** 03/12/18 to 03/16/18

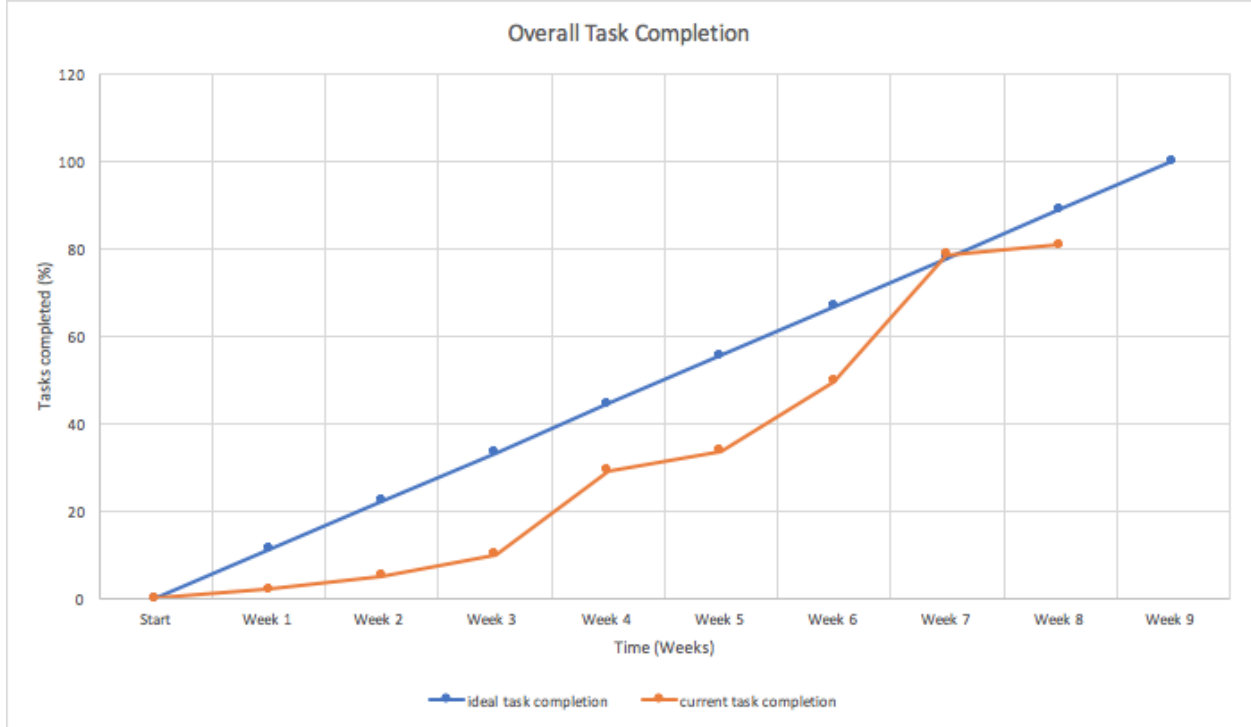
**Prepared by:** Nakul Talwar & Kevin Kong & Amrit Bhandari

### Tasks Summary from previous week:

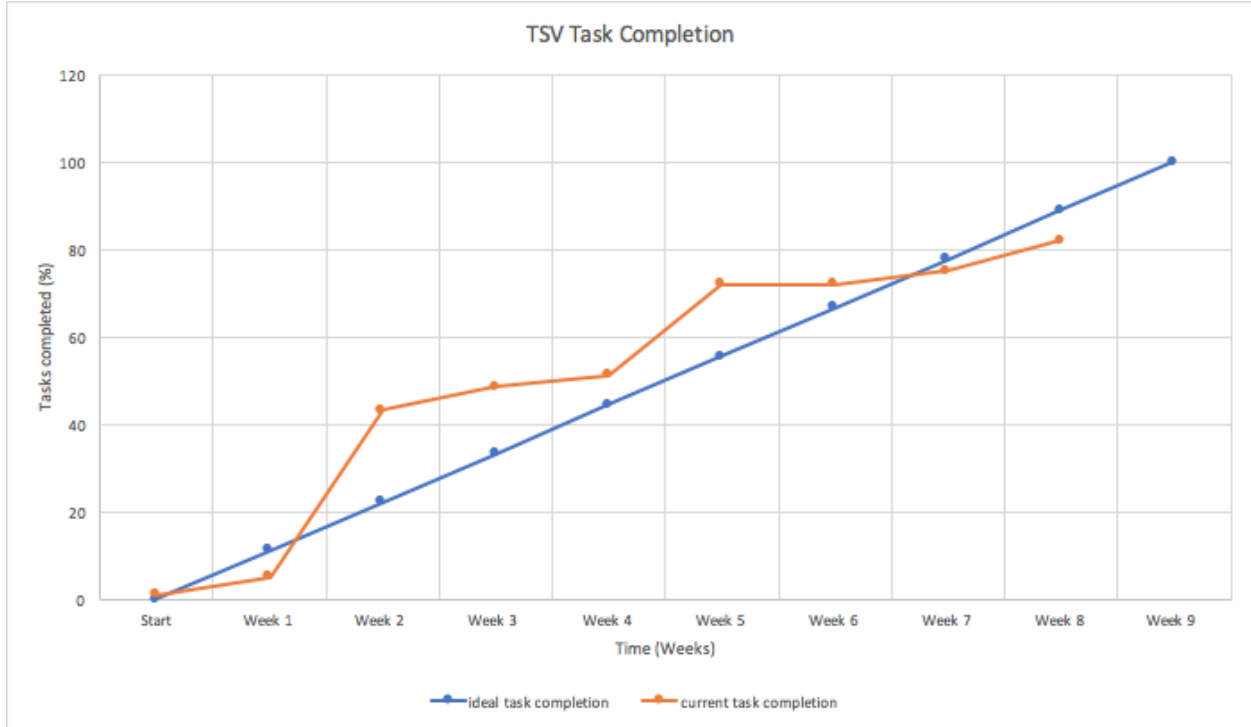
Team	Tasks completed	Tasks planned for next week	Proposed changes	Overdue WBS items
TSV	<b>Waseh:</b> TSV 2.7 Update UI for PacMAN TSV 3.1 Update Fuse in Packs (200A to 300A)	<b>Waseh:</b> TSV 3.3.4 Grounding of Pigtail connectors (25%)  TSV 3.5 Add new LCO/Charge cable(s) (5%)		TSV 3.3.4 TSV 3.5
Dyno	Dyno Done			
Cooling System	Cooling Done			
VSCADA	<b>Connor:</b> SCADA 2.6 - Ignore spikes in CAN data that could drop out of drive mode	<b>Connor:</b> Testing SCADA 2.6  Refactor database  Detect flash drive automatically  SCADA 6.1 - Test Plan  <b>Geoff:</b> SCADA 3.4 - Setup USB dashboard display		Refactor database  Detect flash drive automatically  SCADA 3.4
TSI	<b>Peter:</b> TSI 3.1 - wired new board into enclosure			
Interconnect		<b>Matt:</b> IC 1.6.2 - Make 3/0 orange cables IC 1.3.3 - Install Amphenol Connectors and shielded cable (must happen after IC 1.6.2) IC 1.2.6 - Change TS cables Orange cables almost ready for TSI		IC 1.6.2  IC 1.3.3  IC 1.2.6

GLV		<b>Kevin:</b> GLV 3.2 - Rewiring cockpit		GLV 3.2
Management	Waiting for ATP Approval	<b>Kevin &amp; Nakul &amp; Amrit</b> MGMT 1.8 Project Status Letter - Week 8		

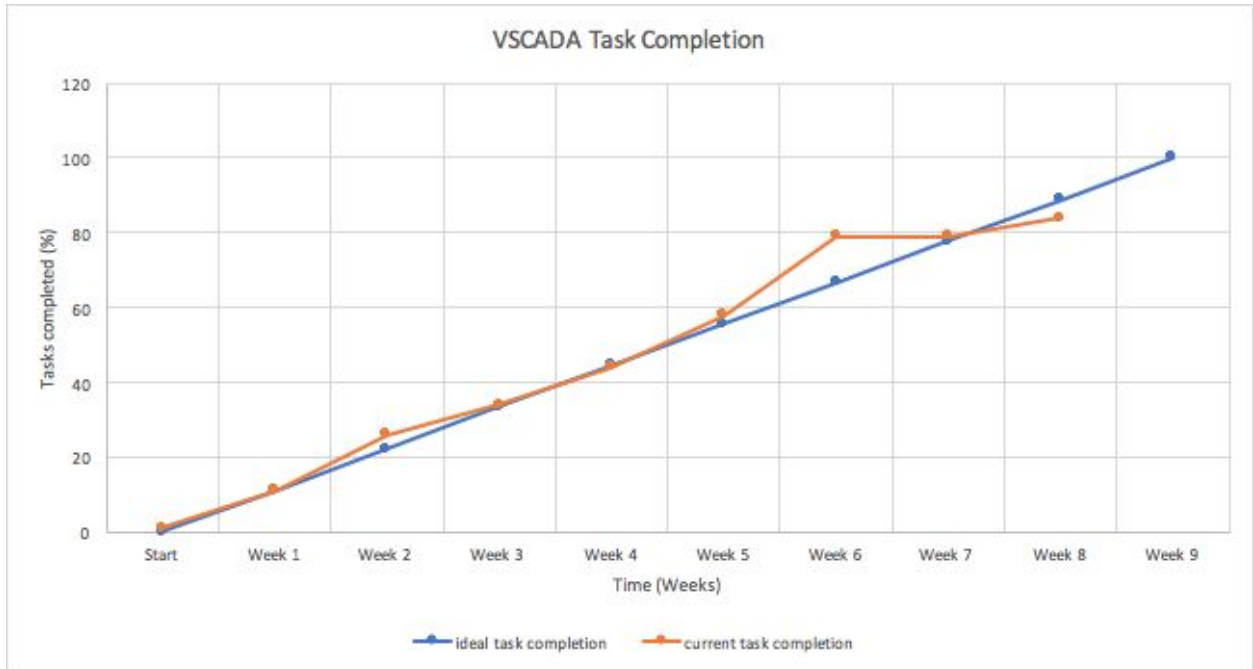
Progress Graph:



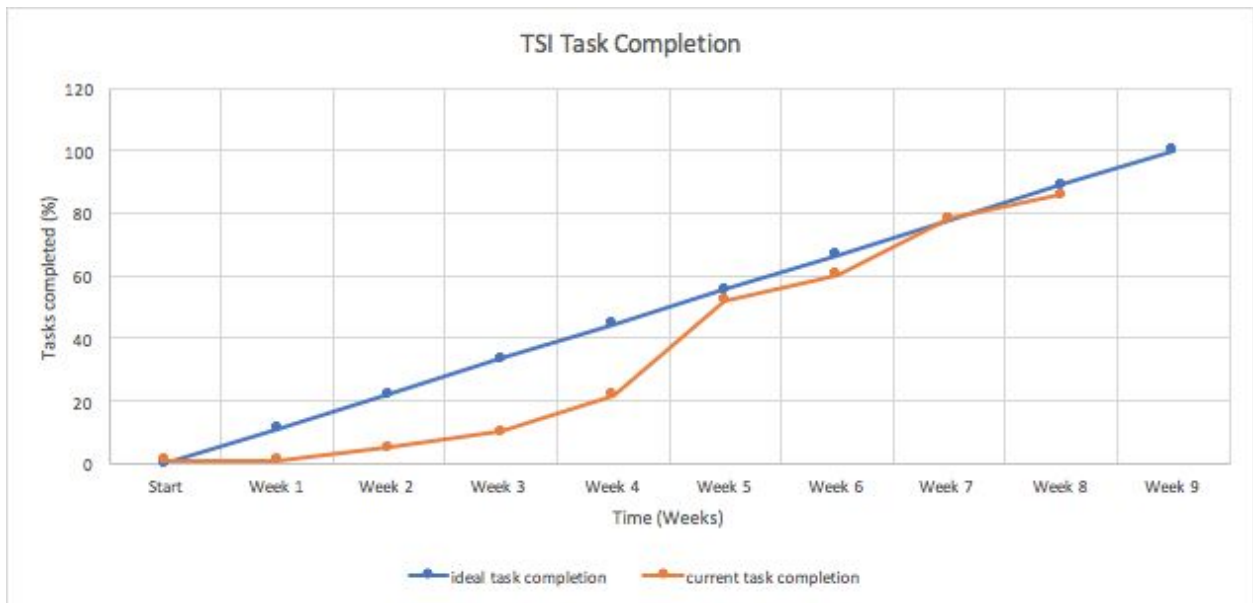
Overall Completed: 82.93%



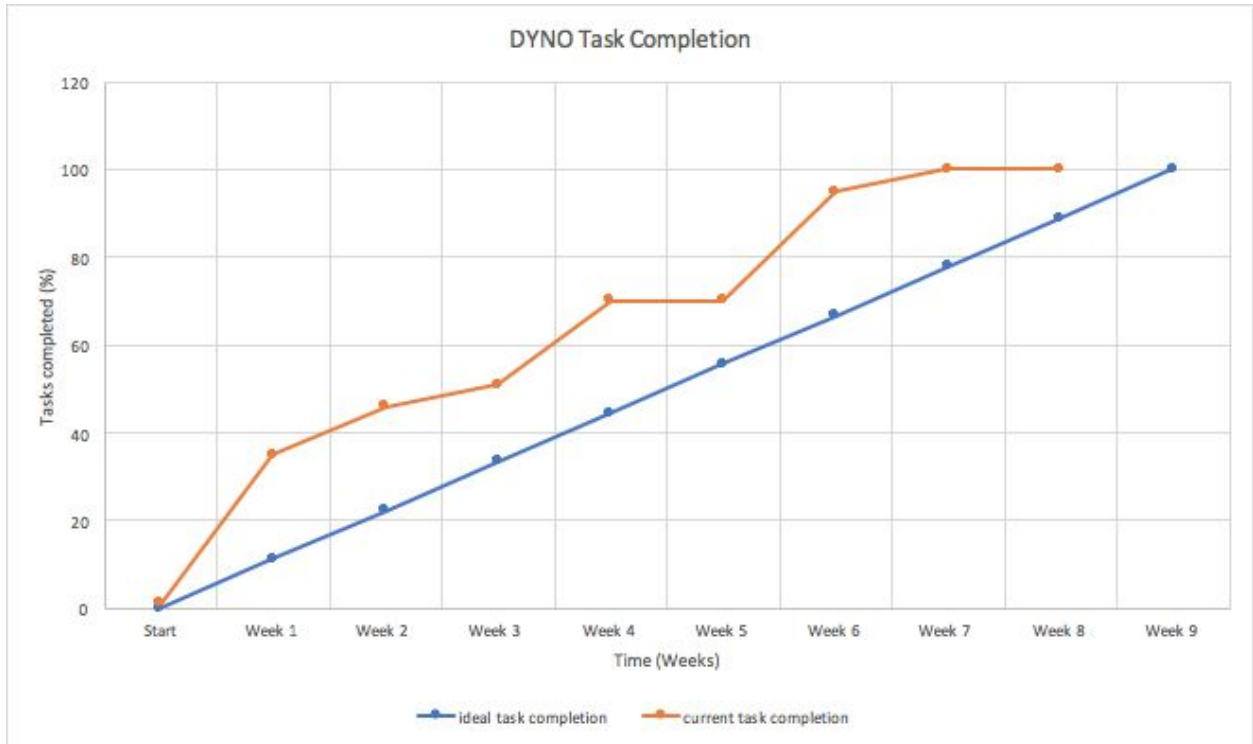
TSV Completed: 82%



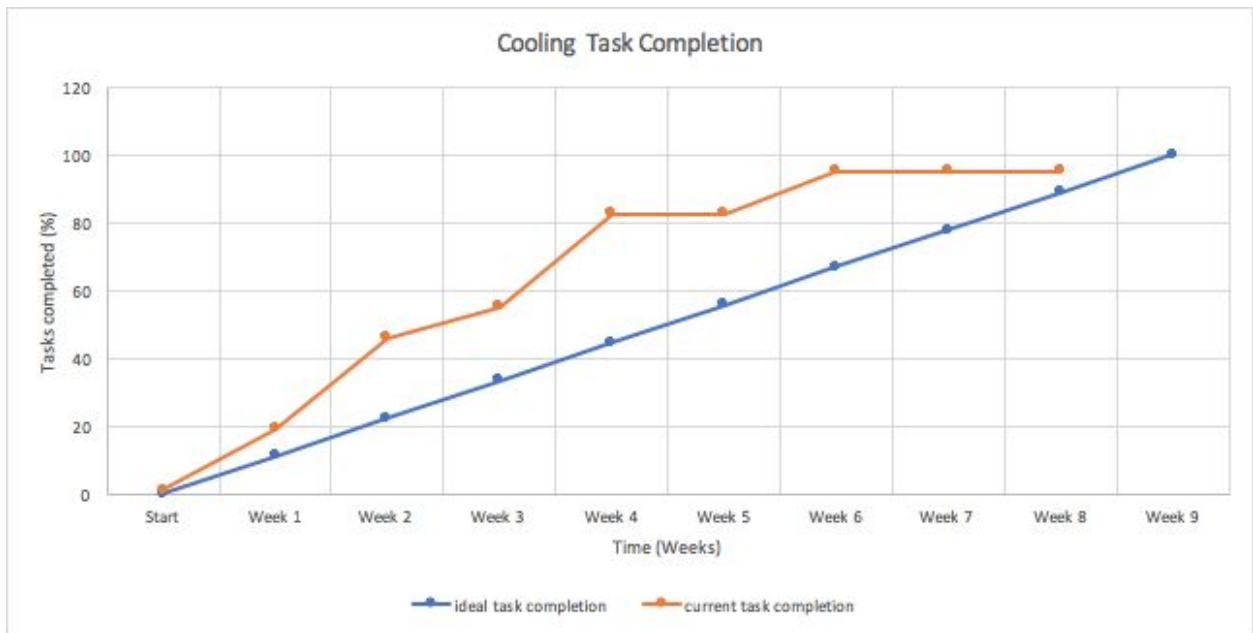
VSCADA Completed: 84%



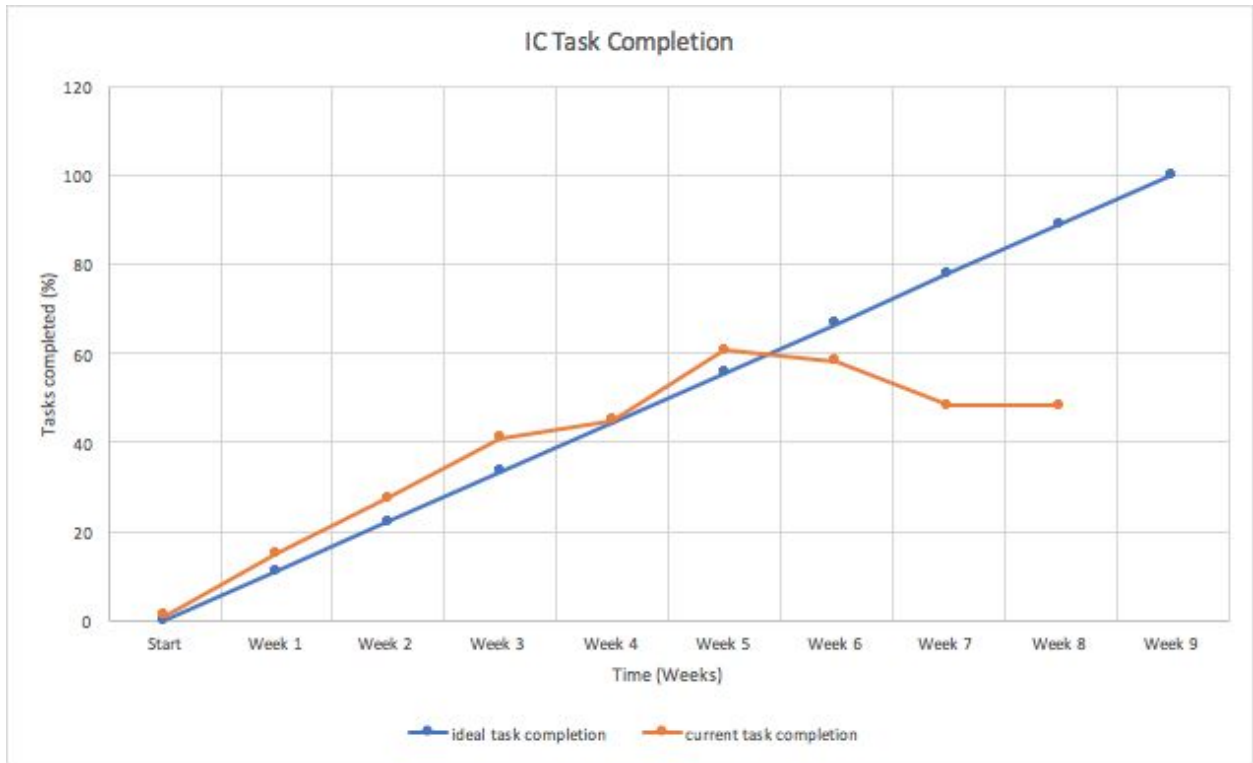
TSI Completed: 85.75%



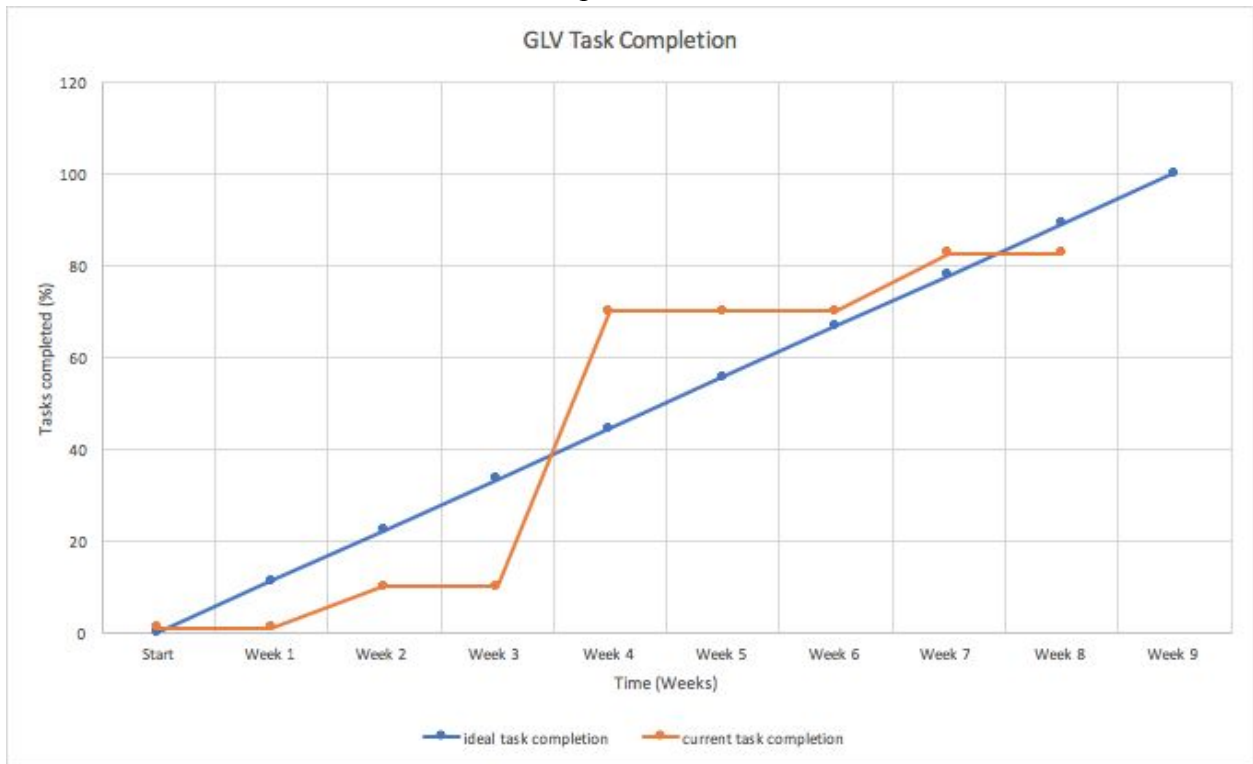
Dyno completed: 100% (Completed)



Cooling completed: 95% (Completed)



IC Completed: 48.25%

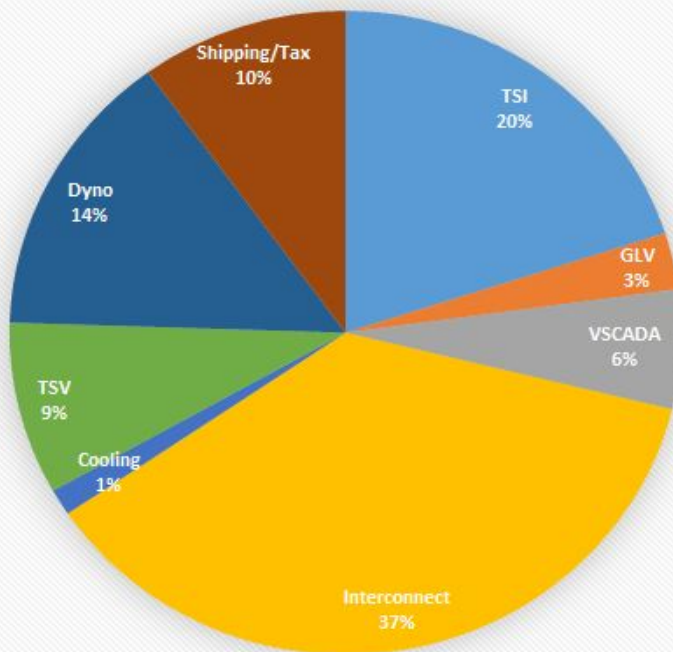


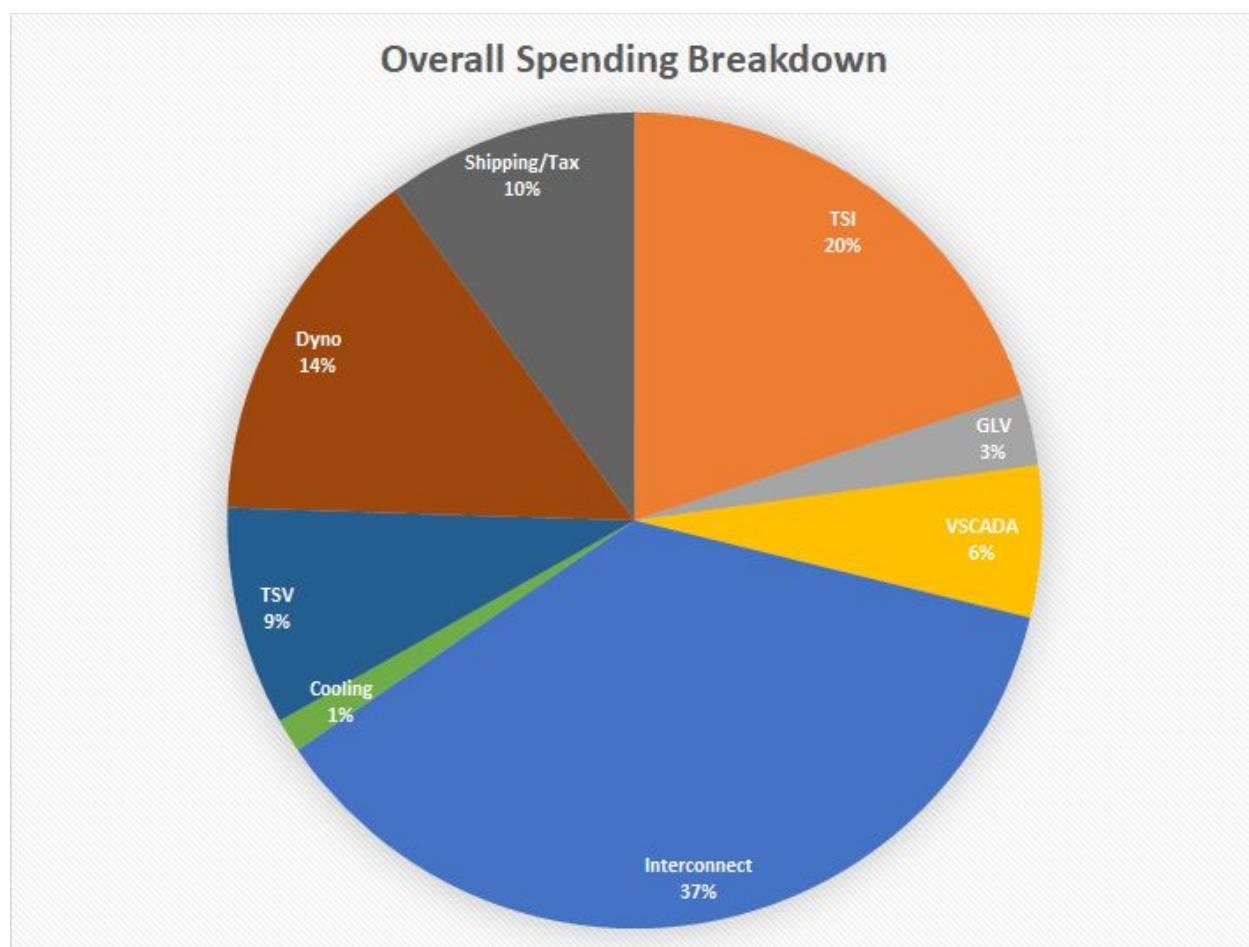
GLV Completed: 82.5%

## Purchasing Summary From Previous Week:

Subsystem	Spent this period	Budget Allocated	Spent to date	Budget Remaining	Percentage Spent
TSI	\$25.46	\$600.00	\$611.50	\$11.50	101.92%
GLV	\$0	\$85.00	\$82.22	\$2.78	96.73%
VSCADA	\$14.61	\$180.00	\$187.20	-\$7.20	104.00%
Interconnect	\$148.60	\$1,100.00	\$1,108.61	\$8.61	100.78%
Cooling	\$0	\$40.00	\$15.99	\$24.01	39.98%
TSV	\$107.17	\$260.00	\$371.07	\$111.07	142.72%
Dyno	\$0.00	\$435.00	\$430.57	\$4.43	98.98%
Shipping/Tax	\$35.31	\$300.00	\$294.13	\$5.87	98.04%
<b>Total</b>	<b>331.15</b>	<b>\$3,000.00</b>	<b>\$3,101.29</b>	<b>\$101.29</b>	<b>103.38%</b>

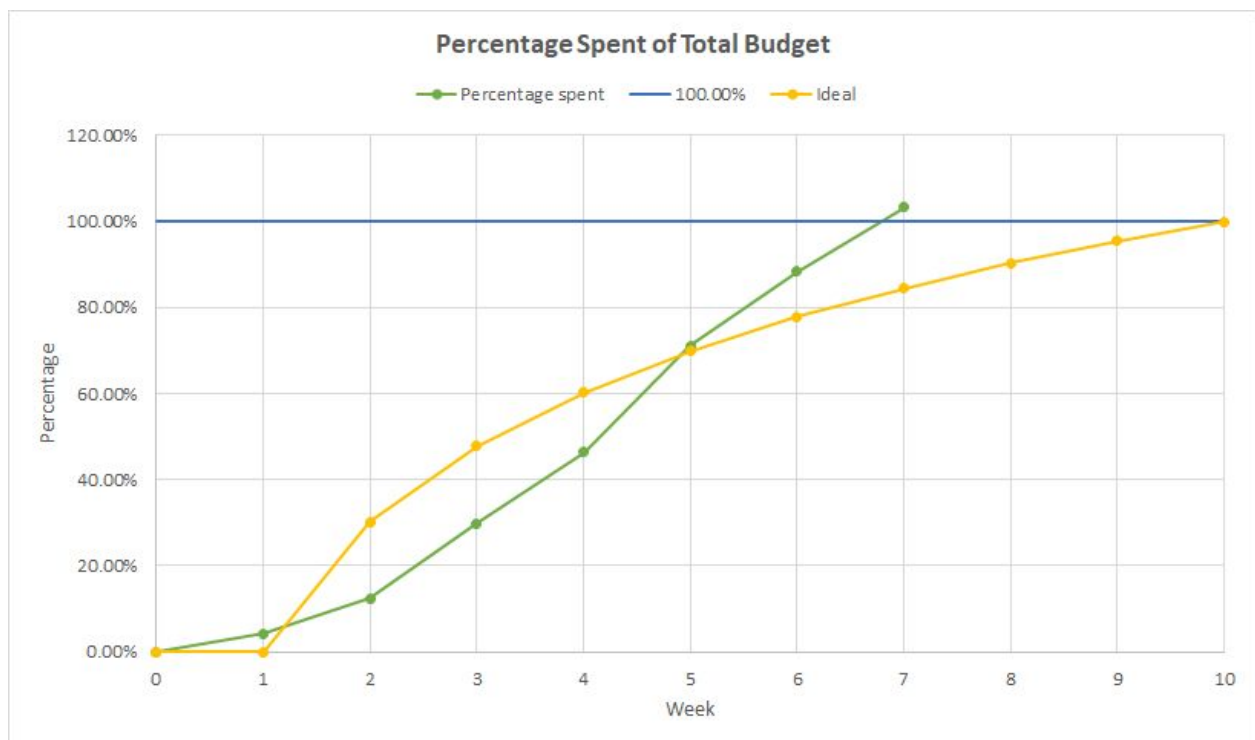
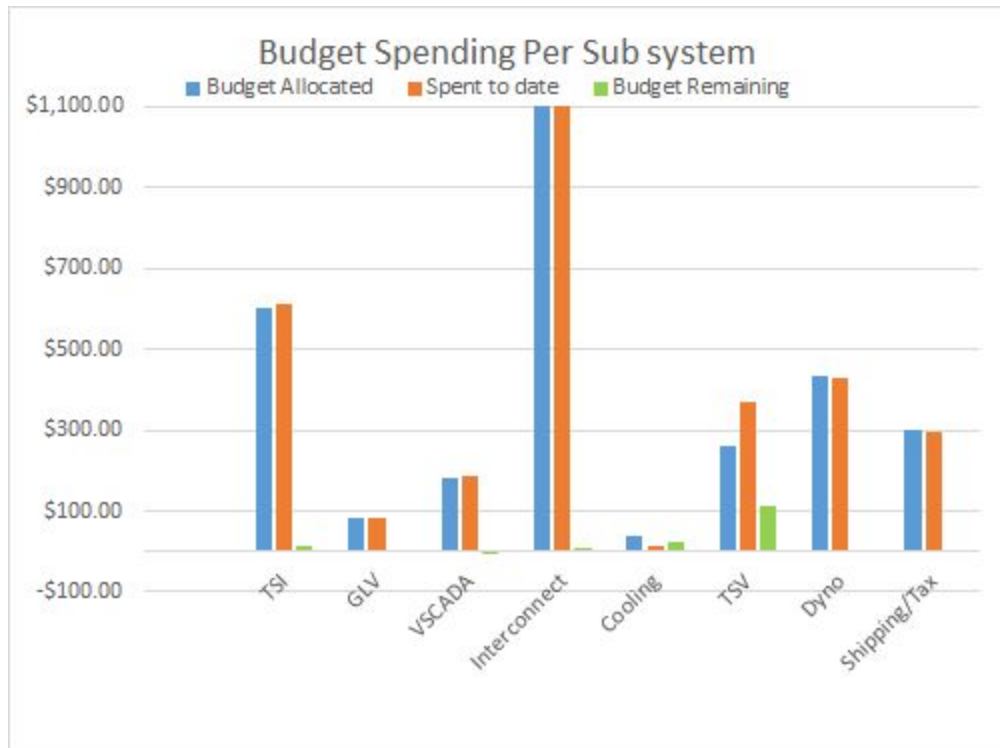
Allocated Budget breakdown





**Note:** The graph above shows how much of the total money spent till now has been spent in each subsystem.





## APPENDIX:

### ECE Department Material Request

<b>Course:</b> ECE 492
<b>Professor:</b> Nadovich

**Req Number:**26

<b>Requester</b>	Amrit
<b>Date</b>	6-Mar-18
<b>Email</b>	<a href="mailto:bhandara@lafayette.edu">bhandara@lafayette.edu</a>
<b>Phone #</b>	610-905-8421

<b>Vendor:</b>	<b>Mouser</b>
<b>Web Site</b>	<a href="http://www.mouser.com">www.mouser.com</a>
<b>Phone</b>	(888) 346-6873
<b>Ship By:</b>	Economy Ground

#	Quantity	Description	Mouser #	Unit Price	Requester	Total	Rcvd
1	1	Audio Indicators & Alerts SLOW PULSE.	539-STA20502	\$25.46	Austin	\$25.46	

Subtotal:	<b>\$25.46</b>
Shipping Fees:	<b>\$4.99</b>
Grand Total:	<b>\$30.45</b>

Instructor Approval:

### ECE Department Material Request

<b>Course:</b> ECE 492
<b>Professor:</b> Nadovich

**Req Number:**27

<b>Requested By</b>	Amrit
<b>Date</b>	6-Mar-18
<b>Email</b>	<a href="mailto:bhandara@lafayette.edu">bhandara@lafayette.edu</a>
<b>Phone Number</b>	610-905-8421

<b>Vendor:</b>	<b>Amazon</b>
<b>Web Site</b>	<a href="http://www.amazon.com">www.amazon.com</a>
<b>Phone</b>	(888) 280-4331
<b>Ship By:</b>	Economy Ground

#	Quantity	Description	Unit Price	Requester	Total Price	Rcvd
1	1	LT DB9 Male to Female Adapter 90 Degree Downward	\$7.72	Geoff	\$7.72	

Subtotal:	<b>\$7.72</b>
Shipping Fees:	<b>\$0.00</b>
Grand Total:	<b>\$7.72</b>

Instructor Approval:

### ECE Department Material Request

<b>Course:</b> ECE 492
<b>Professor:</b> Nadovich

**Req Number:**28

<b>Requester</b>	Amrit
<b>Date</b>	6-Mar-18
<b>Email</b>	<a href="mailto:bhandara@lafayette.edu">bhandara@lafayette.edu</a>
<b>Phone #</b>	610-905-8421

<b>Vendor:</b>	<b>Mouser</b>
<b>Web Site</b>	<a href="http://www.excessparts.net/">www.excessparts.net/</a>
<b>Phone</b>	(208) 342-3559
<b>Ship By:</b>	Economy Ground

#	Quantity	Description	Product Code	Unit Price	Requester	Total	Rcvd
1	5	ANDERSON POWER 4803G3-BK	4803G3-BK	\$0.62	Sarah	\$3.10	
2	20	TE CONNECTIVITY 9-103325-0	9-103325-0	\$1.15	Amrit	\$23.00	
3	5	ANDERSON POWER 4802G3-BK	4802G3-BK	\$0.54	Sarah	\$2.70	

Subtotal:	<b>\$28.80</b>
Shipping Fees:	<b>\$4.99</b>
Grand Total:	<b>\$33.79</b>

Instructor Approval:

## ECE Department Material Request

<b>Course:</b> ECE 492
<b>Professor:</b> Nadovich

<b>Req Number:</b> 29
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<b>Requester</b>	Amrit
<b>Date</b>	9-Mar-18
<b>Email</b>	<a href="mailto:bhandara@lafayette.edu">bhandara@lafayette.edu</a>
<b>Phone #</b>	610-905-8421

<b>Vendor:</b>	<b>Mouser</b>
<b>Web Site</b>	<a href="http://www.mouser.com">www.mouser.com</a>
<b>Phone</b>	<b>(888) 346-6873</b>
<b>Ship By:</b>	<b>Economy Ground</b>

#	Quantity	Description	Mouser #	Unit Price	Requester	Total	Rcvd
1	1	Heavy Duty Power Connectors 10MM SNG	654-PL28W-301-70	\$49	Waseh	\$49	
2	3	Wirewound Resistors - Through Hole 5ohms	71-CP00105R000JE143	\$0.96	Sarah	\$3	
3	20	Terminals Tubular Ring term non-insulated	644-S3/0-38R-C	\$2.54	Amrit	\$51	
4	20	Terminals 2/0 3/8 RING TERM	644-S2/0-38R	\$3.74	Amrit	\$75	
5	1	Heavy Duty Power Connectors 10MM SNG	654-PL28X-301-70	\$49.49	Waseh	\$49.49	

Subtotal:	<b>\$227.0</b>
Shipping Fees:	<b>\$5.0</b>
Grand Total:	<b>\$227.0</b>

Instructor Approval:

## ECE Department Material Request

<b>Course:</b> ECE 492
<b>Professor:</b> Nadovich

<b>Req Number:</b> 30
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<b>Requested By</b>	Amrit
<b>Date</b>	9-Mar-18
<b>Email</b>	<a href="mailto:bhandara@lafayette.edu">bhandara@lafayette.edu</a>
<b>Phone Number</b>	610-905-8421

<b>Vendor:</b>	<b>Amazon</b>
<b>Web Site</b>	<a href="http://www.amazon.com">www.amazon.com</a>
<b>Phone</b>	<b>(888) 280-4331</b>
<b>Ship By:</b>	<b>Economy Ground</b>

#	Quantity	Description	Unit Price	Requester	Total Price	Rcvd
1	1	Cerrxian 90 Degree DB9 9 Pin Male to Female	\$6.99	Geoff	\$6.99	

Subtotal:	<b>\$6.99</b>
Shipping Fees:	<b>\$0.00</b>
Grand Total:	<b>\$6.99</b>

Instructor Approval: