

## Project Status Letter

**PSL number:** 09

**Covering period from:** 03/16/18 to 03/23/18

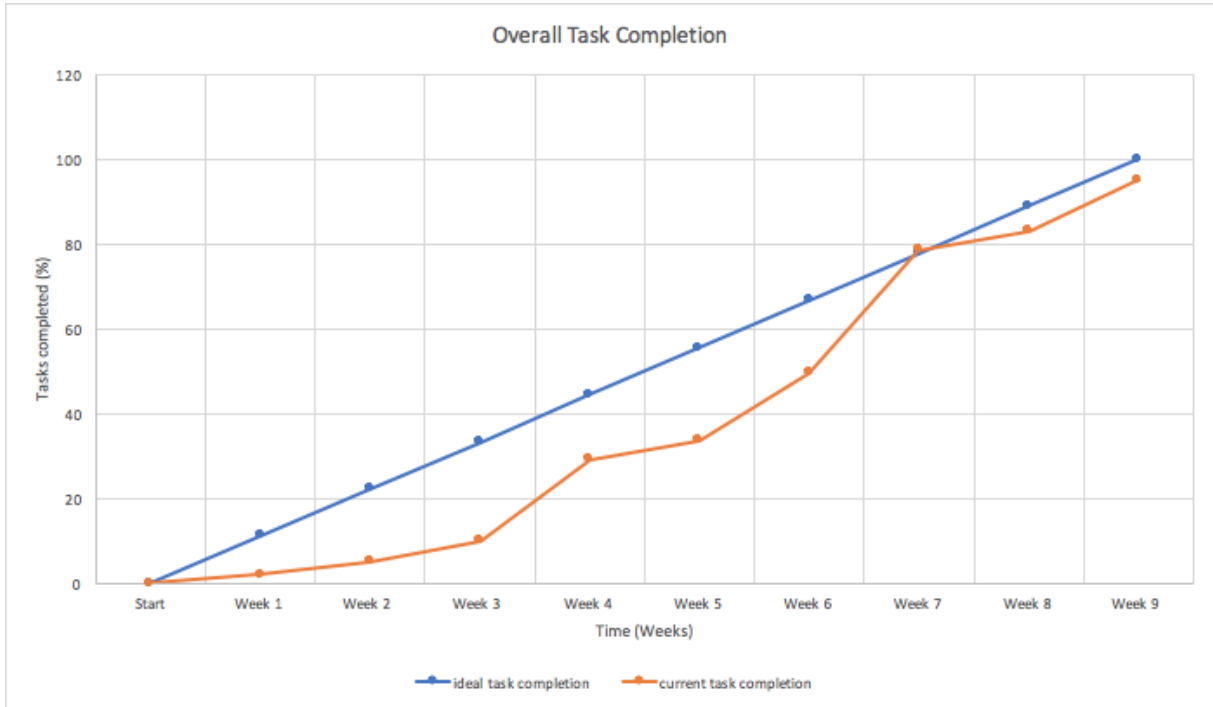
**Prepared by:** Nakul Talwar & Kevin Kong & Amrit Bhandari

### Tasks Summary from previous week:

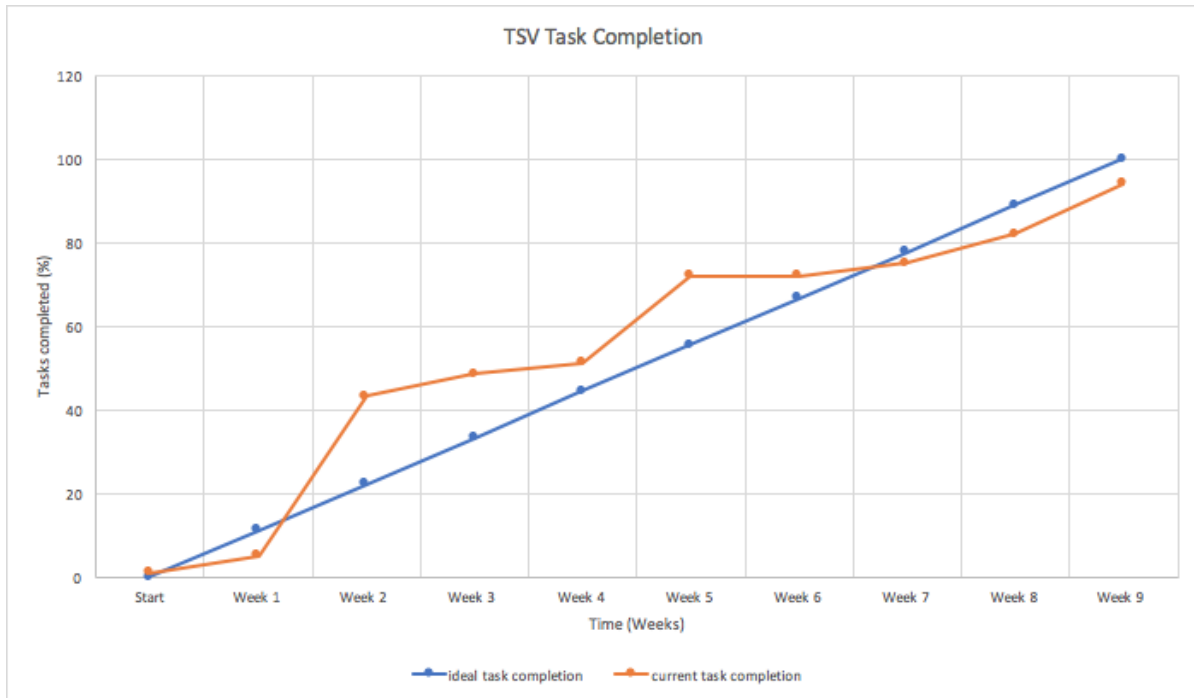
Team	Tasks completed	Tasks planned for next week	Proposed changes	Overdue WBS items
TSV	<p><b>Waseh:</b> TSV 3.3.4 Grounding of Pigtail connectors TSV 3.5 Add new LCO/Charge cable(s) TSV 3.3 Packs Rewired TSV 3.4 Replacing Dying cells</p> <p><b>Sarah:</b> Created new connection/wire for pack</p> <p>Created a test board to test the breakout connections on the AMS test board</p>	<p><b>Waseh:</b> Rule Checklist Integration of Car with MechE Install and test external USB programming of packs</p>		
Dyno	Dyno Done			
Cooling System	Cooling Done			
VSCADA	<p><b>Kevin:</b> SCADA 4.5 Screw Pi in the Car</p> <p><b>Geoff:</b> SCADA 3.4 - Setup USB Dashboard display SCADA 3.8 - Indicate when data is not being received from a sensor</p> <p><b>Connor:</b> SCADA 6.1 Test Plan</p>	<p><b>Geoff:</b> SCADA 3.9 - Update GLV Display</p> <p><b>Connor:</b> Final testing from test plan.</p> <p><b>Chen:</b> SCADA 3.1 - Update the entire image of UI and add more value to be displayed</p>		
TSI	<p><b>Peter:</b> TSI 4.1 - Wrote Acceptance Test Plan</p>			

Interconnect	<p><b>Waseh:</b> IC 1.3.3 Install Amphenol connectors and shielded cable</p> <p><b>Matt:</b> IC 1.1.2 – Remove Crimp Connectors IC 1.2.6 – Change TS tables IC 1.6.2 – Make 3/0 orange cables IC 1.7.1 - Update old list/Make new list of cable inventory</p> <p><b>Shu:</b> IC.5 - Create new W-21</p>			
GLV	GLV Done			
Management	<p>MGMT 1.8: Weekly status report (Week 8)</p> <p>Remove ATP for different subsystems, added test plan tasks for necessary subsystem</p> <p><b>Amrit:</b> MGMT 4.2 - All the stickers have been ordered</p>	<p>MGMT 1.9: Weekly status report (Week 9)</p> <p>MGMT 5.2: Verify all the rules</p>		

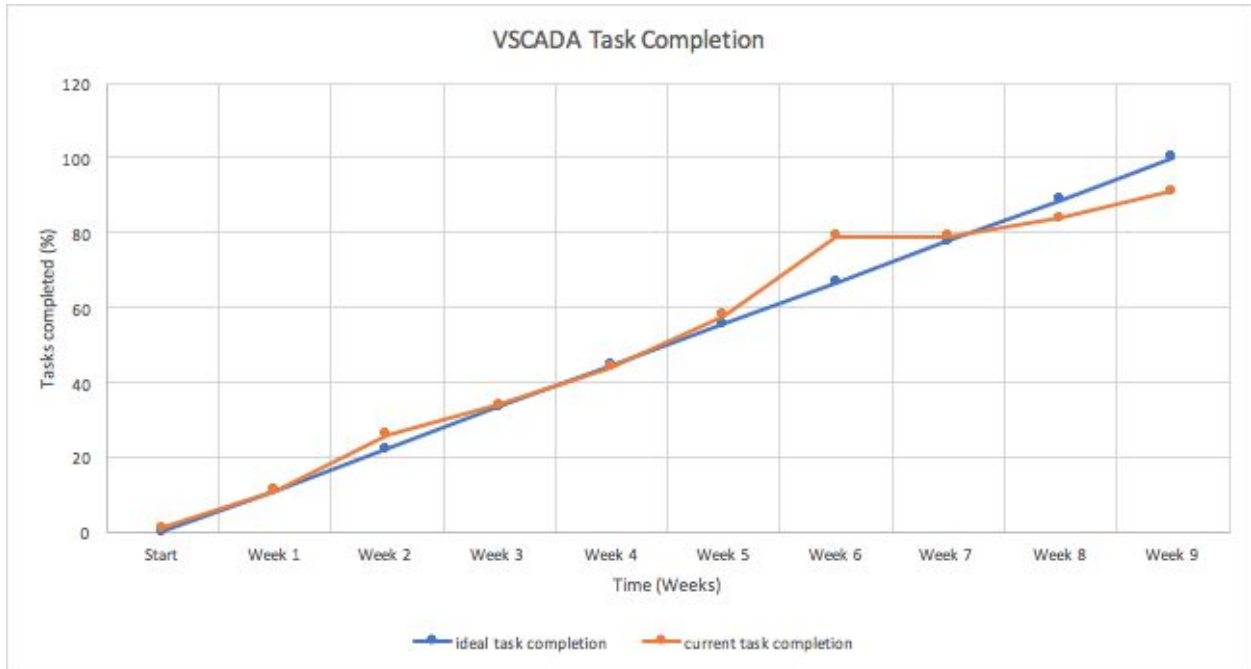
## Progress Graph:



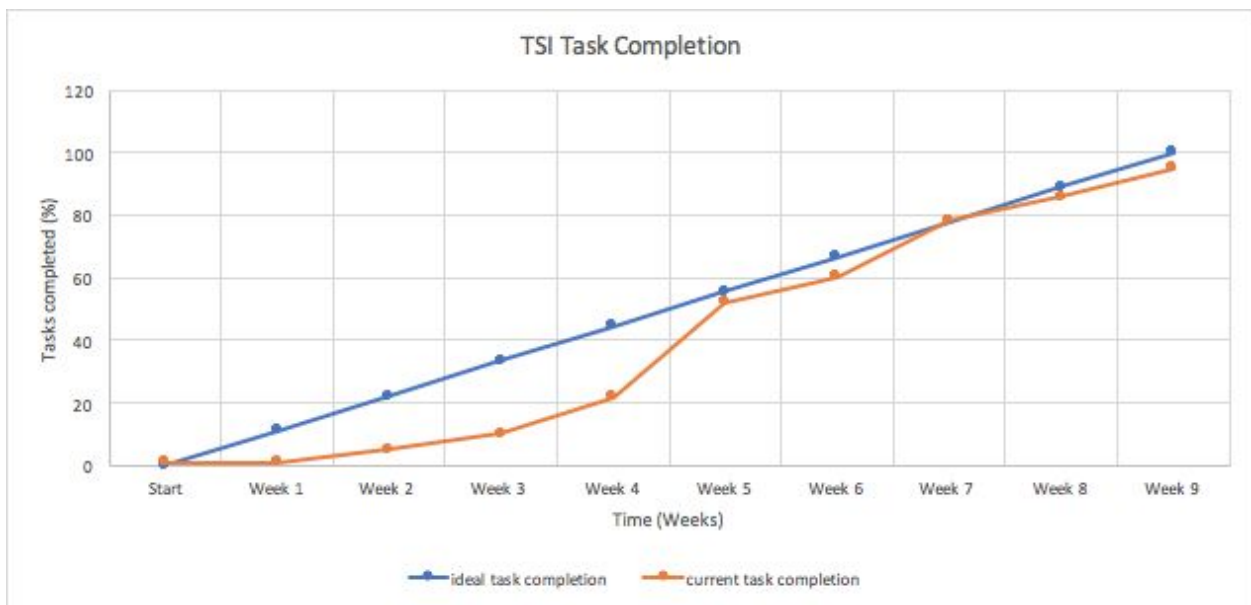
Overall Completed: 95.03%



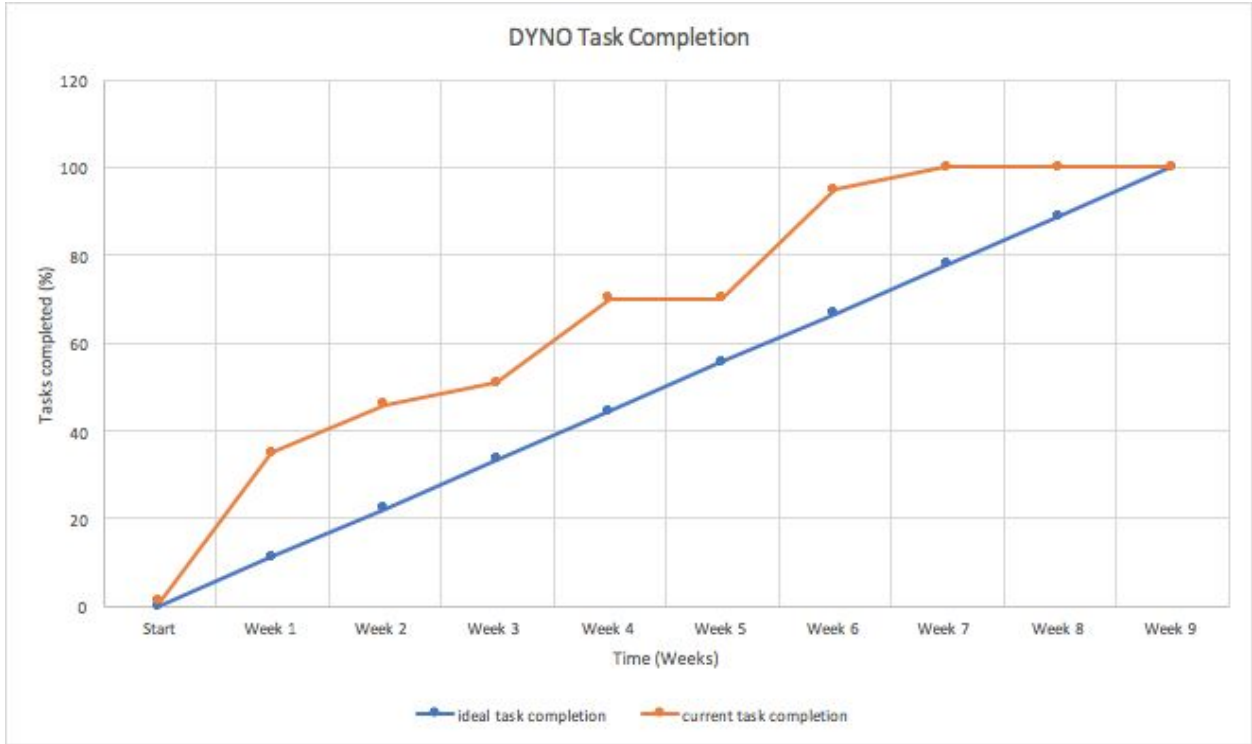
TSV Completed: 94%



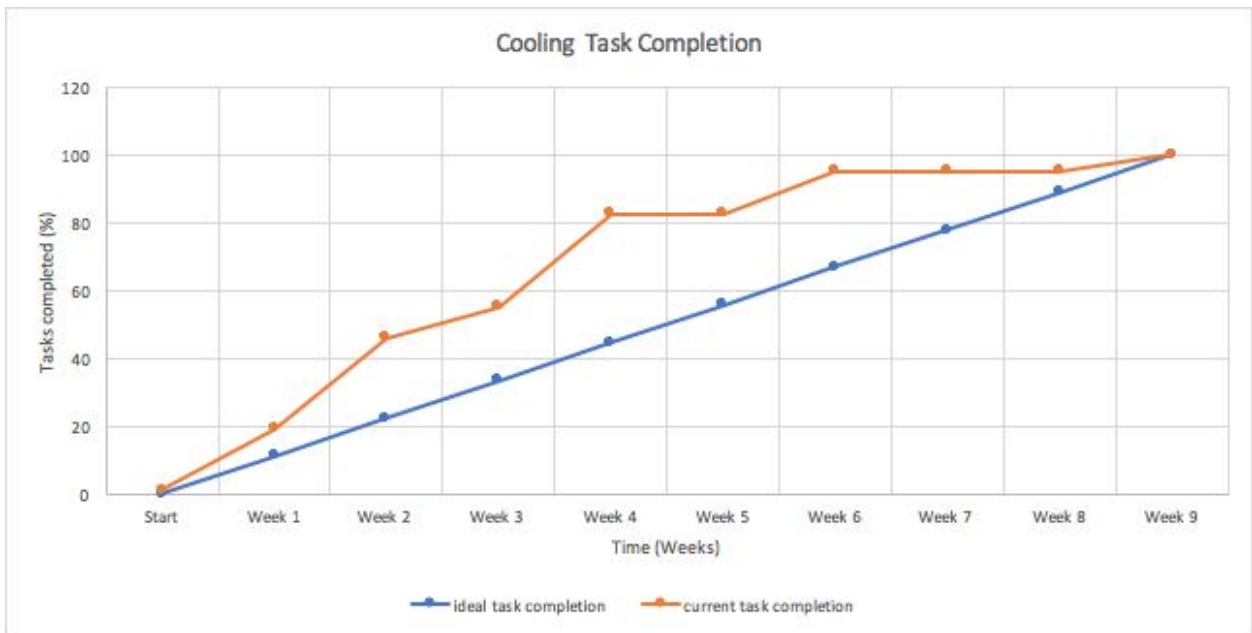
VSCADA Completed: 91%



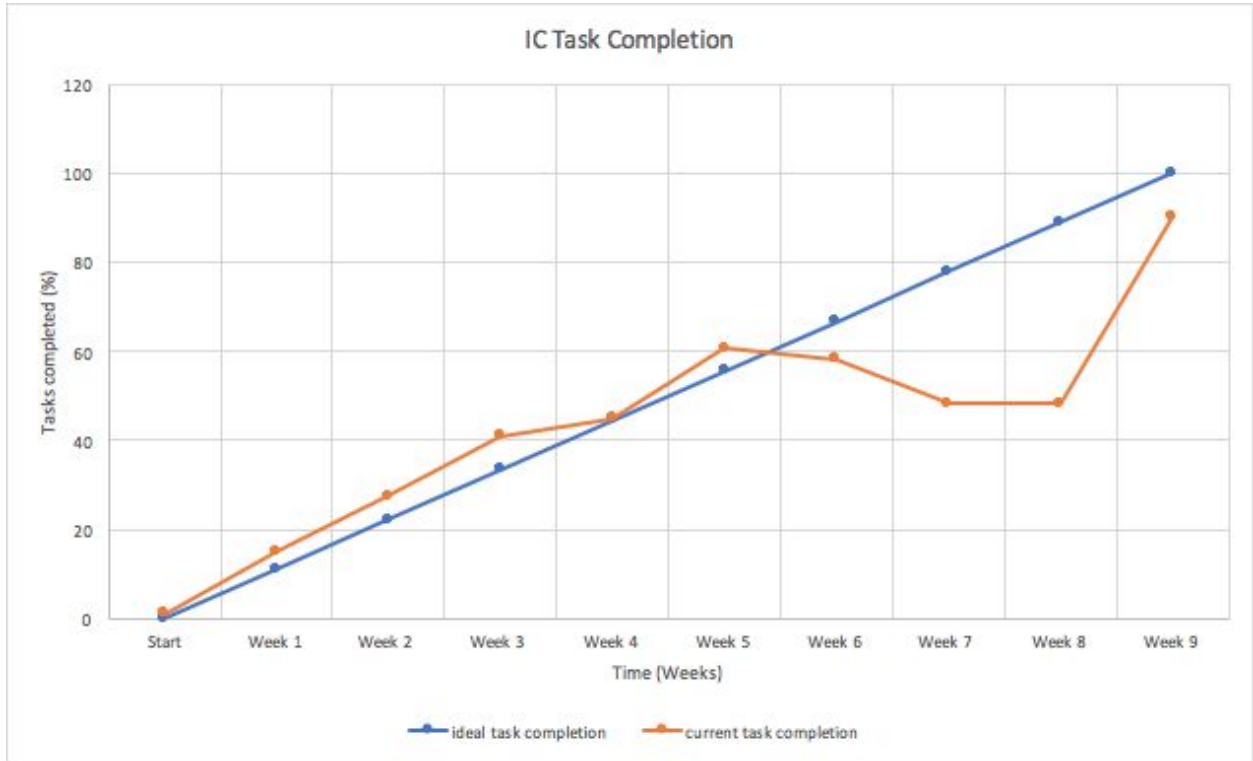
TSI Completed: 95%



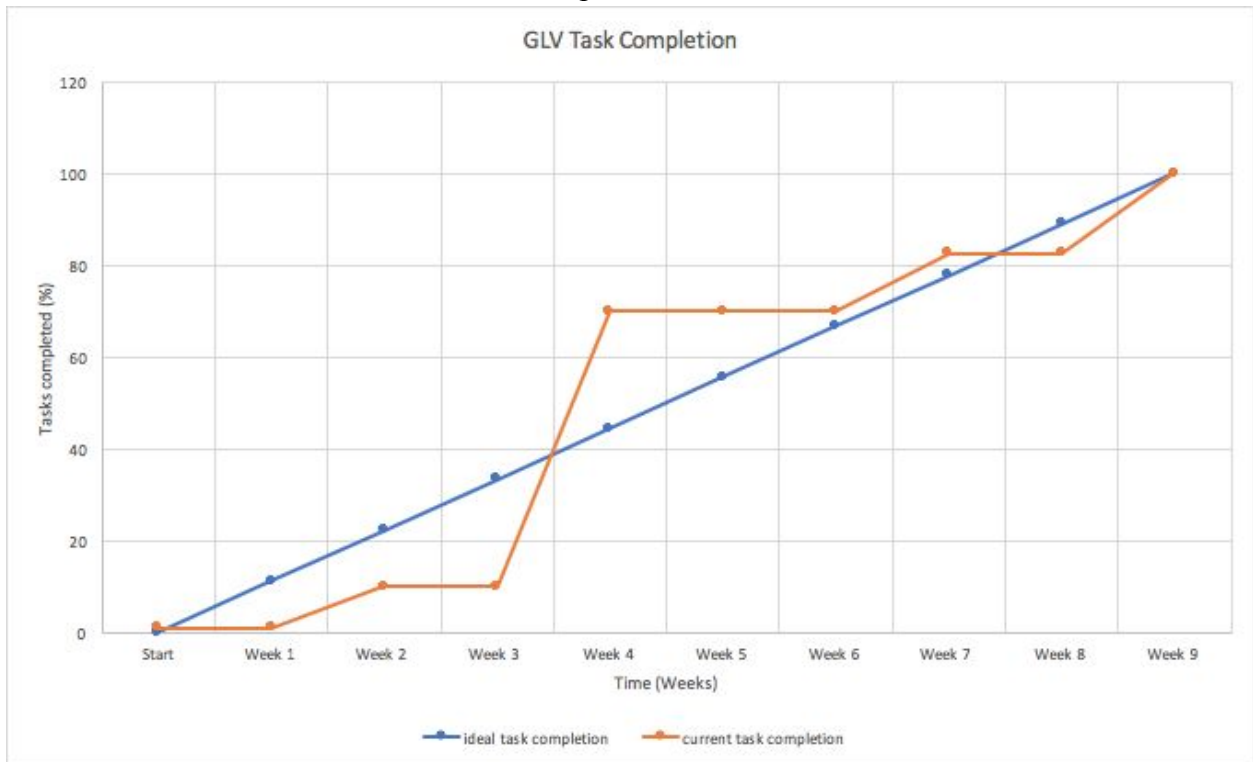
Dyno completed: 100% (Completed)



Cooling completed: 100% (Completed)



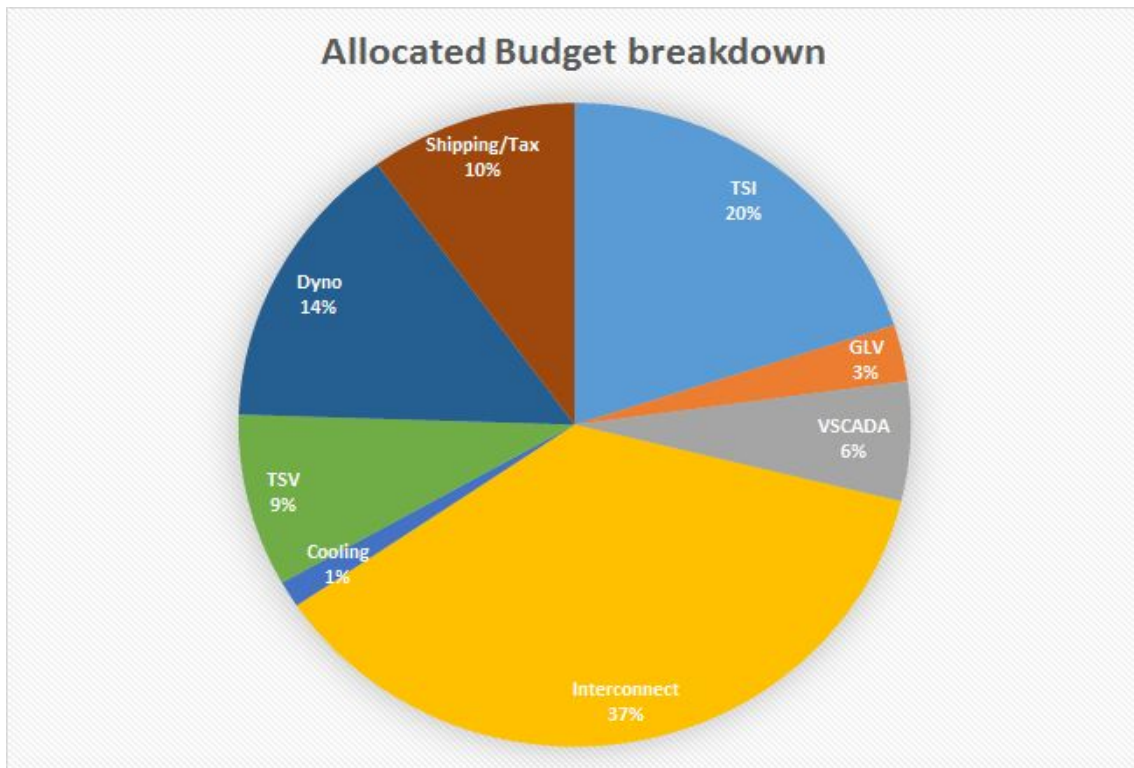
IC Completed: 90.25%



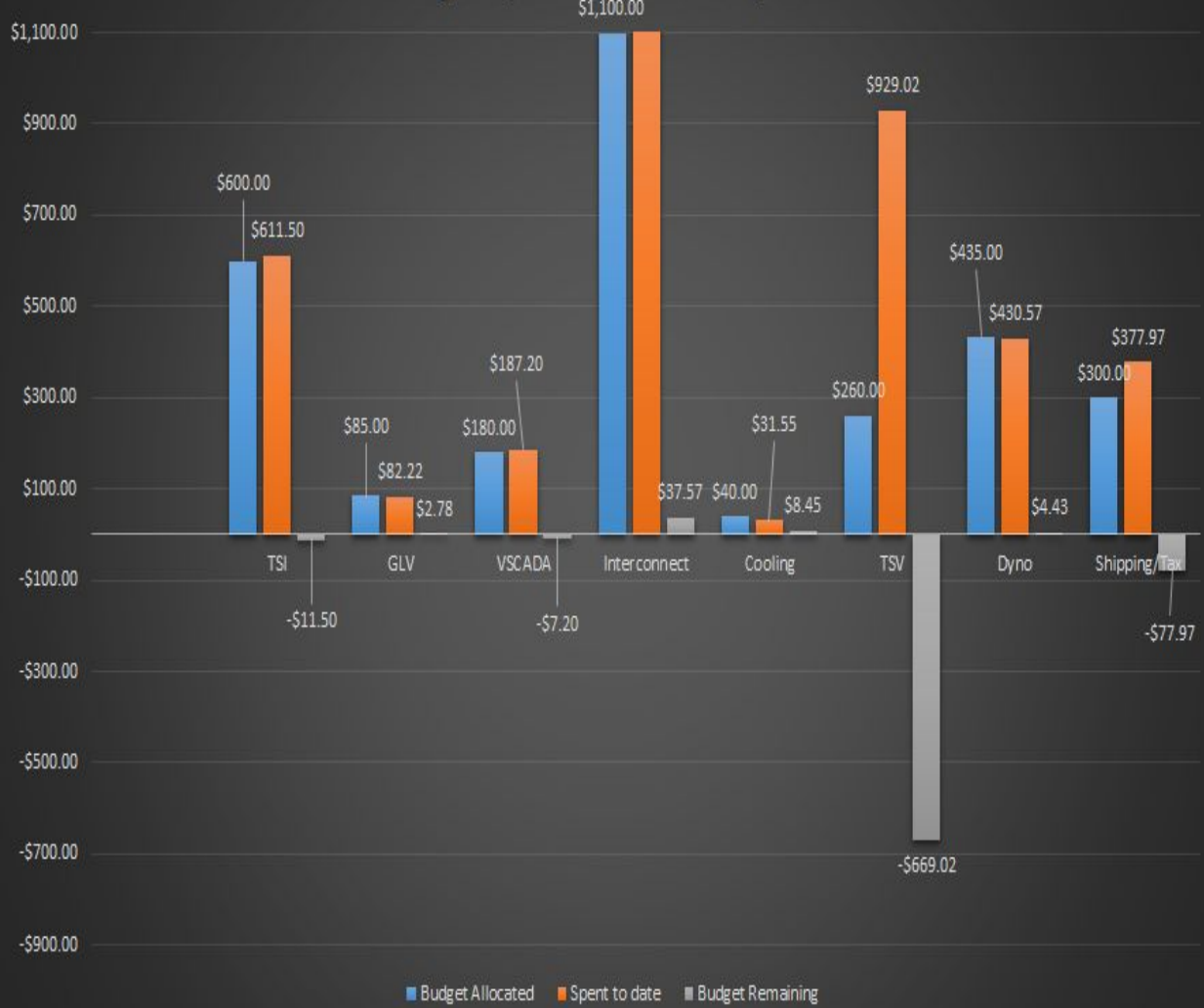
GLV Completed: 100% (Completed)

## Purchasing Summary From Previous Week:

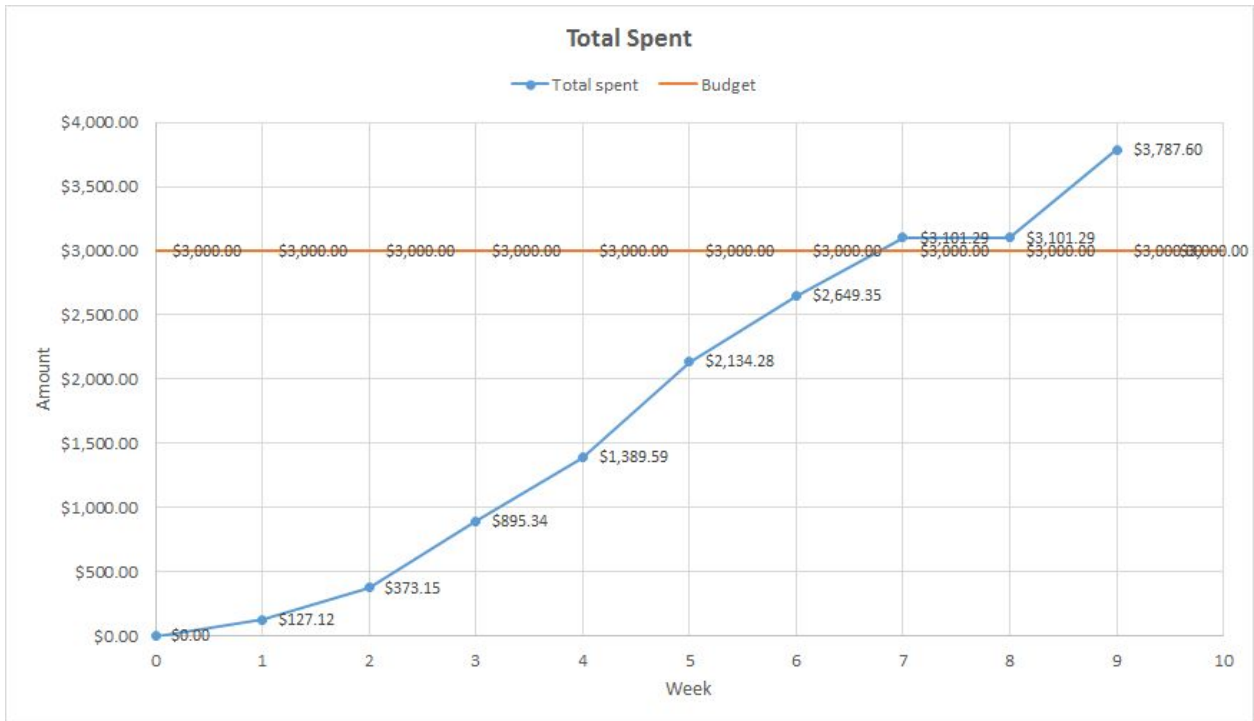
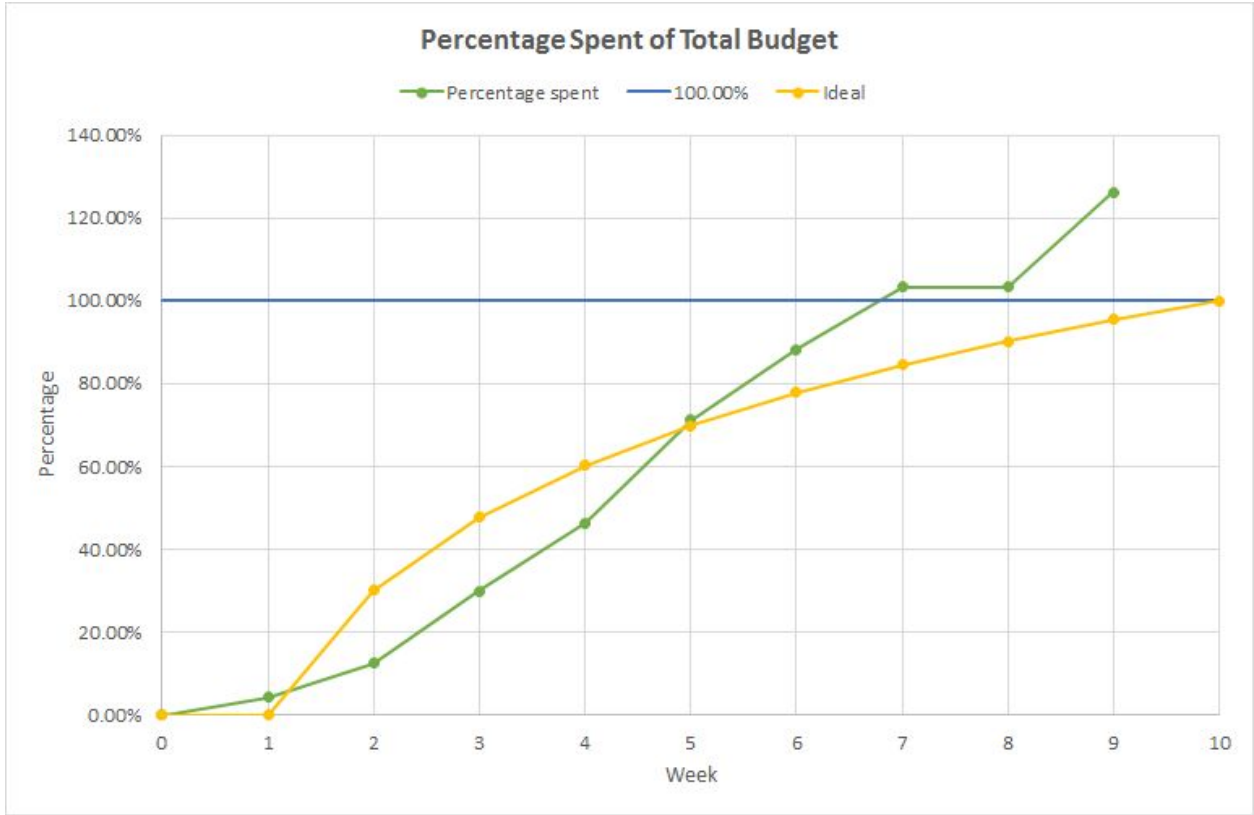
Subsystem	Spent this period	Budget Allocated	Spent to date	Budget Remaining	Percentage Spent
TSI	\$0.00	\$600.00	\$611.50	-\$11.50	101.92%
GLV	\$0	\$85.00	\$82.22	\$2.78	96.73%
VSCADA	\$0.00	\$180.00	\$187.20	-\$7.20	104.00%
Interconnect	\$28.96	\$1,100.00	\$1,137.57	\$37.57	103.42%
Cooling	\$15.6	\$40.00	\$31.55	\$8.45	78.88%
TSV	\$557.95	\$260.00	\$929.02	-\$669.02	357.32%
Dyno	\$0.00	\$435.00	\$430.57	\$4.43	98.98%
Shipping/Tax	\$83.84	\$300.00	\$377.97	\$77.97	125.99%
<b>Total</b>	<b>686.31</b>	<b>\$3,000.00</b>	<b>\$3,787.60</b>	<b>-\$787.60</b>	<b>126.25%</b>



### Budget Spending Per Sub system







APPENDIX:

**ECE Department Material Request**

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

<b>Req Number:</b> 31
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<b>Requester</b>	Amrit
<b>Date</b>	21-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>2 day shipping</b>

#	Quantity	Description	Mouser #	Unit Price	Requester	Total	Rcvd
1	20	Heavy Duty Power Connectors PP15 #16-20	879-1332	\$0.25	Waseh	\$5.00	23-Mar

Subtotal:	<b>\$5.00</b>
Shipping Fees:	<b>\$15.00</b>
Grand Total:	<b>\$20.00</b>

Instructor Approval:

**ECE Department Material Request**

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

<b>Req Number:</b> 32
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<b>Requested By</b>	Amrit
<b>Date</b>	21-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	1" Spiral Cable Wrap - Length: 25 Feet - Color: Black	\$25.00	Amrit	\$25.00	

Subtotal:	<b>\$25.00</b>
Shipping Fees:	<b>\$7.07</b>
Grand Total:	<b>\$32.07</b>

Instructor Approval:

**ECE Department Material Request**

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

<b>Req Number:</b> 33
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<b>Requester</b>	Amrit
<b>Date</b>	21-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>Koolance</b>
<b>Web Site</b>	<a href="http://koolance.com/">http://koolance.com/</a>
<b>Phone</b>	<b>(888) 346-6873</b>
<b>Ship By:</b>	<b>2 day shipping</b>

#	Quantity	Description	Part #	Unit Price	Requester	Total	Rcvd
1	4 feet	Tubing, PVC Clear, Dia: 13mm x 19mm	HOS-13X19CL	\$3.89	Russel	\$15.56	

Subtotal:	<b>\$15.56</b>
Shipping Fees:	<b>\$17.79</b>
Grand Total:	<b>\$33.35</b>

Instructor Approval:

## ECE Department Material Request

**Course:** ECE 492  
**Professor:** Nadovich

**Req Number:**34

**Requested By** Amrit  
**Date** 22-Mar-18  
**Email** [bhandara@lafayette.edu](mailto:bhandara@lafayette.edu)  
**Phone Number** 610-905-8421

**Vendor:** McMaster Carr  
**Web Site** [www.mcmaster.com](http://www.mcmaster.com)  
**Phone** (609) 689-3000  
**Ship By:** One day Shipping

#	Quantity	Description	McMaster PN	Unit Price	Requester	Total Price	Rcvd
1	5 packs of 50	18-8 Stainless Steel Hex Head Screw M4 x 0.7 mm Thread, 20 mm Long	91287A116	\$5.84	Waseh	\$29.20	23-Mar

Subtotal:	<b>\$29.20</b>
Shipping Fees:	<b>\$20.00</b>
Grand Total:	<b>\$49.20</b>

Instructor Approval:

## ECE Department Material Request

**Course:** ECE 492  
**Professor:** Nadovich

**Req Number:**35

**Requester** Amrit  
**Date** 22-Mar-18  
**Email** [bhandara@lafayette.edu](mailto:bhandara@lafayette.edu)  
**Phone #** 610-905-8421

**Vendor:** Pegasus Auro Racing  
**Web Site** [www.pegasusautoracing.com](http://www.pegasusautoracing.com)  
**Phone** 1-800-688-6946  
**Ship By:** 6 day shipping

#	Quantity	Description	Part #	Unit Price	Requester	Total	Rcvd
1	5	SCCA Off Decal for Master Switch	3356	\$0.99	Nakul	\$3.96	

Subtotal:	<b>\$3.96</b>
Shipping Fees:	<b>\$6.99</b>
Grand Total:	<b>\$10.95</b>

Instructor Approval:

## ECE Department Material Request

**Course:** ECE 492  
**Professor:** Nadovich

**Req Number:**36

**Requested By** Amrit  
**Date** 23-Mar-18  
**Email** [bhandara@lafayette.edu](mailto:bhandara@lafayette.edu)  
**Phone Number** 610-905-8421

**Vendor:** GMW Associates  
**Web Site** <http://www.gmw.com>  
**Phone** (609) 689-3000  
**Ship By:** Economic Shipping

#	Quantity	Description	McMaster PN	Unit Price	Requester	Total Price	Rcvd
1	1	Bus Bar Module Current Sensor, 12-160mm Bus Bar widths	BBM-01	\$40.00	Waseh	\$40.00	

Subtotal:	<b>\$40.00</b>
Shipping Fees:	<b>\$15.00</b>
Grand Total:	<b>\$55.00</b>

Instructor Approval:

## ECE Department Material Request

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

<b>Req Number:</b> 37
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<b>Requester</b>	Amrit
<b>Date</b>	22-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>BatterySpace</b>
<b>Web Site</b>	<a href="http://www.batteryspace.com">http://www.batteryspace.com</a>
<b>Phone</b>	1-800-688-6946
<b>Ship By:</b>	<b>Economy shipping</b>

#	Quantity	Description	Part #	Unit Price	Requester	Total	Rcvd
1	5	LiFeMnPO4 Prismatic Module: 3.2V 60 Ah, 10C Rate	LFP-G60	\$96.75	Waseh	\$483.75	

Instructor Approval:

Subtotal:	<b>\$483.75</b>
Shipping Fees:	<b>\$6.99</b>
Grand Total:	<b>\$490.74</b>