

# Web Page Performance Test for

[www.oit.edu/strategic-partnerships/applied-research/renewable-energy-consortium](http://www.oit.edu/strategic-partnerships/applied-research/renewable-energy-consortium)

[Need help improving?](#)

<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>B</b>	✓
First Byte Time	Keep-alive Enabled	Compress Transfer	Compress Images	Cache static content	Effective use of CDN

From: Dulles, VA - Chrome - Cable  
4/11/2018 8:05:03 AM

[Summary](#)   [Details](#)   [Performance Review](#)   [Content Breakdown](#)   [Domains](#)   [Processing Breakdown](#)   [Screen Shot](#)   [Image Analysis](#) ↗

Tester: VM1-01-192.168.11.87

[Export HTTP Archive \(.har\)](#)

First View only

[Custom Metrics](#)

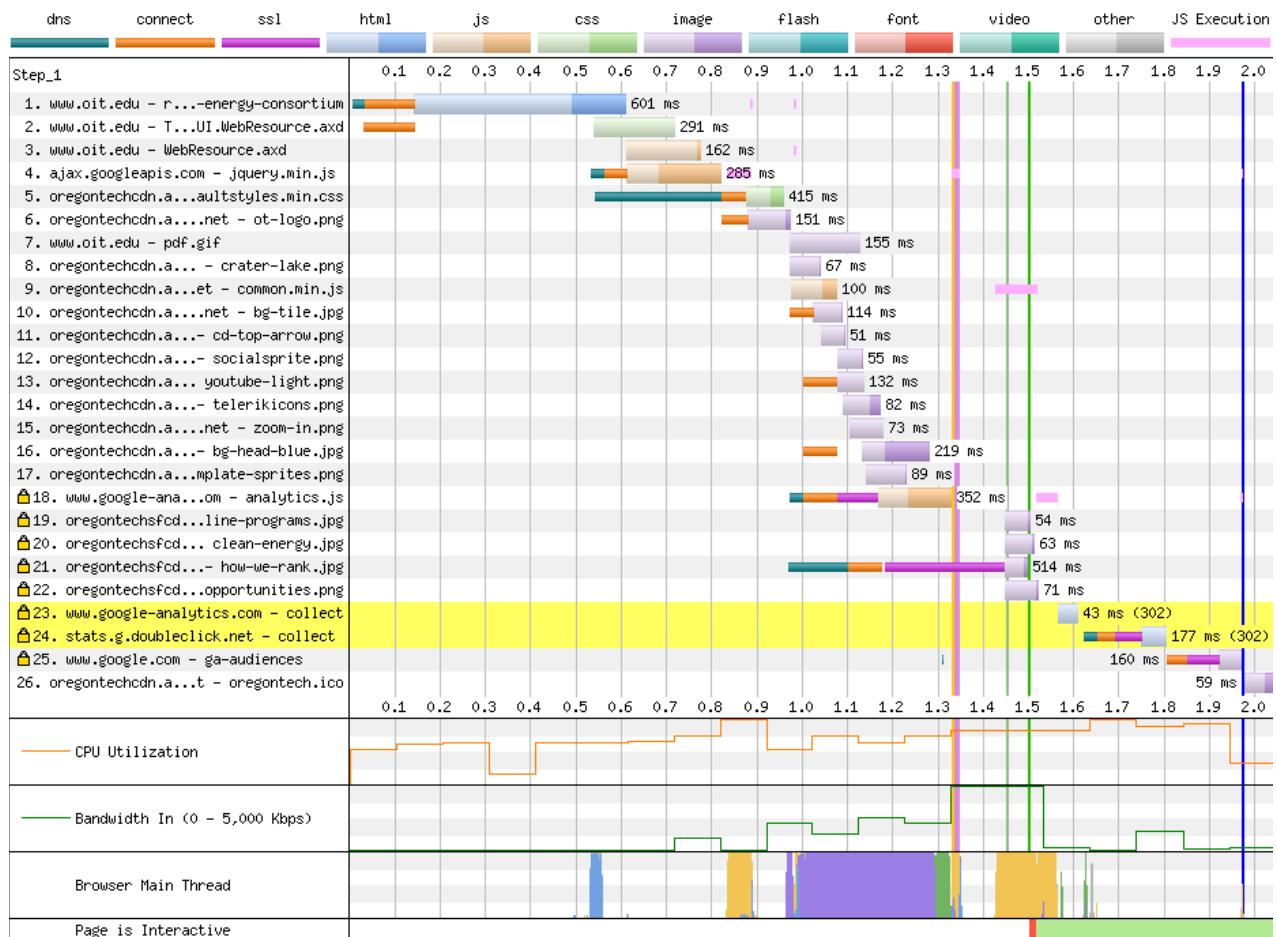
Test runs: 3

	Load Time	First Byte	Start Render	Visually Complete	Speed Index	First Interactive (beta)	Result (error code)	Document Complete			Fully Loaded		
								Time	Requests	Bytes In	Time	Requests	Bytes In
First View ( <a href="#">Run 1</a> )	1.971s	0.488s	1.500s	1.700s	1566	> 1.518s	0	1.971s	25	208 KB	2.037s	26	220 KB

<a href="#">First Interactive (beta)</a>	Colordepth	RUM First Paint	<a href="#">domInteractive</a>	<a href="#">domContentLoaded</a>	<a href="#">loadEvent</a>
> 1.518s	24	1.453s	1.332s	1.332s - 1.346s (0.014s)	1.971s - 1.972s (0.001s)

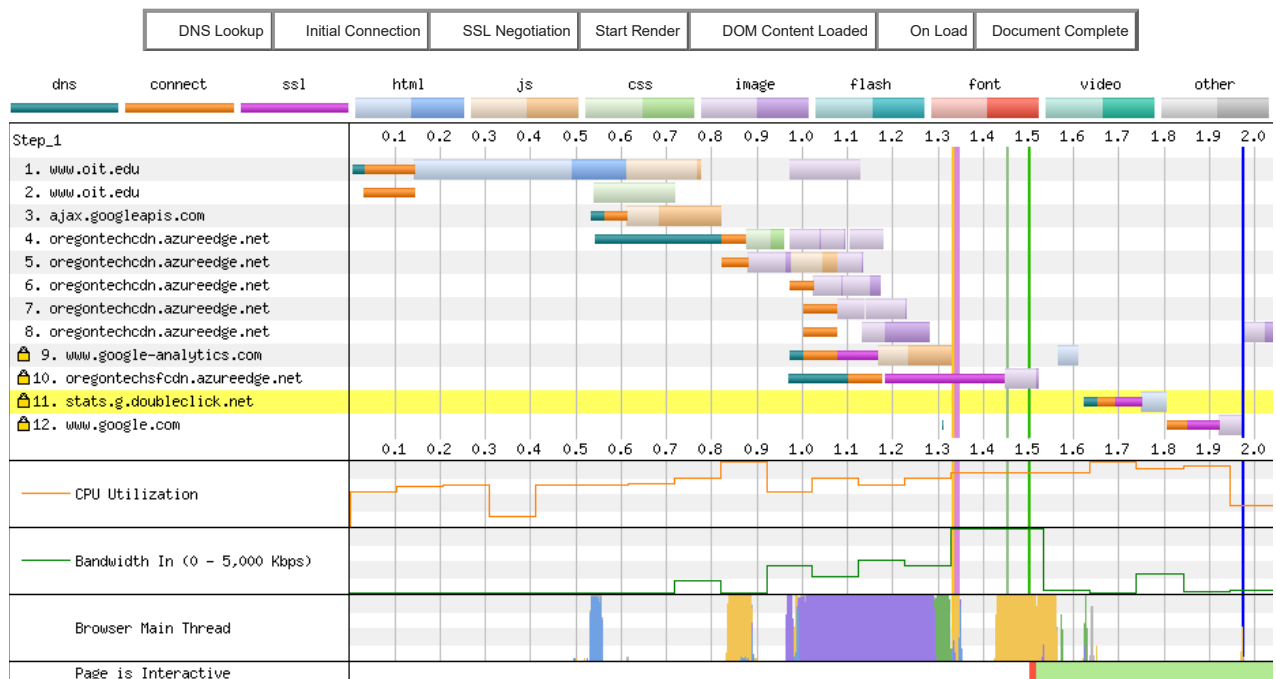
## Waterfall View

Start Render	RUM First Paint	DOM Interactive	DOM Content Loaded	On Load	Document Complete
--------------	-----------------	-----------------	--------------------	---------	-------------------



[customize waterfall](#) • [View all Images](#)

## Connection View



# Request Details

Before Start Render	Before On Load	After On Load
---------------------	----------------	---------------

Request Details

#	Resource	Content Type	Request Start	DNS Lookup	Initial Connection	SSL Negotiation	Time to First Byte	Content Download	Bytes Downloaded	Certificates	Error/Status Code	IP
1	<a href="http://www.oit.edu/s...le-energy-consortium">http://www.oit.edu/s...le-energy-consortium</a>	text/html	0.144 s	25 ms	111 ms	-	344 ms	121 ms	12.4 KB	-	200	140.211.128.21
2	<a href="http://www.oit.edu/T...1964beed5b%3a7a90d6a">http://www.oit.edu/T...1964beed5b%3a7a90d6a</a>	text/css	0.539 s	-	111 ms	-	178 ms	2 ms	1.0 KB	-	200	140.211.128.21
3	<a href="http://www.oit.edu/W...t=636354654046607314">http://www.oit.edu/W...t=636354654046607314</a>	application/x-javascript	0.612 s	-	-	-	154 ms	8 ms	6.2 KB	-	200	140.211.128.21
4	<a href="http://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js">http://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js</a>	text/javascript	0.613 s	26 ms	52 ms	-	70 ms	137 ms	33.7 KB	-	200	172.217.7.170
5	<a href="http://oregontechcdn...tstyles.min.css?v=7">http://oregontechcdn...tstyles.min.css?v=7</a>	text/css	0.876 s	276 ms	56 ms	-	52 ms	31 ms	19.7 KB	-	200	152.195.33.88
6	<a href="http://oregontechcdn...net/img/ot-logo.png">http://oregontechcdn...net/img/ot-logo.png</a>	image/png	0.88 s	-	57 ms	-	82 ms	12 ms	9.3 KB	-	200	152.195.33.88
7	<a href="http://www.oit.edu/.../FileIcons16/pdf.gif">http://www.oit.edu/.../FileIcons16/pdf.gif</a>	image/gif	0.973 s	-	-	-	154 ms	1 ms	0.5 KB	-	200	140.211.128.21
8	<a href="http://oregontechcdn...img/crater-lake.png">http://oregontechcdn...img/crater-lake.png</a>	image/png	0.974 s	-	-	-	62 ms	5 ms	3.9 KB	-	200	152.195.33.88
9	<a href="http://oregontechcdn...te/common.min.js?v=5">http://oregontechcdn...te/common.min.js?v=5</a>	application/javascript	0.976 s	-	-	-	66 ms	34 ms	21.4 KB	-	200	152.195.33.88
10	<a href="http://oregontechcdn...t/img/bg/bg-tile.jpg">http://oregontechcdn...t/img/bg/bg-tile.jpg</a>	image/jpg	1.026 s	-	53 ms	-	58 ms	3 ms	3.2 KB	-	200	152.195.33.88
11	<a href="http://oregontechcdn...oit/cd-top-arrow.png">http://oregontechcdn...oit/cd-top-arrow.png</a>	image/png	1.044 s	-	-	-	47 ms	4 ms	0.9 KB	-	200	152.195.33.88
12	<a href="http://oregontechcdn...ial/socialsprite.png">http://oregontechcdn...ial/socialsprite.png</a>	image/png	1.079 s	-	-	-	51 ms	4 ms	3.2 KB	-	200	152.195.33.88
13	<a href="http://oregontechcdn...al/youtube-light.png">http://oregontechcdn...al/youtube-light.png</a>	image/png	1.08 s	-	75 ms	-	56 ms	1 ms	1.7 KB	-	200	152.195.33.88
14	<a href="http://oregontechcdn...ons/telerikicons.png">http://oregontechcdn...ons/telerikicons.png</a>	image/png	1.091 s	-	-	-	57 ms	25 ms	18.3 KB	-	200	152.195.33.88
15	<a href="http://oregontechcdn...mg/icons/zoom-in.png">http://oregontechcdn...mg/icons/zoom-in.png</a>	image/png	1.106 s	-	-	-	72 ms	1 ms	0.9 KB	-	200	152.195.33.88
16	<a href="http://oregontechcdn...bg/bg-head-blue.jpg">http://oregontechcdn...bg/bg-head-blue.jpg</a>	image/jpg	1.134 s	-	74 ms	-	46 ms	99 ms	35.3 KB	-	200	152.195.33.88
17	<a href="http://oregontechcdn...template-sprites.png">http://oregontechcdn...template-sprites.png</a>	image/png	1.141 s	-	-	-	85 ms	4 ms	3.5 KB	-	200	152.195.33.88
18	<a href="https://www.google-a...ics.com/analytics.js">https://www.google-a...ics.com/analytics.js</a>	text/javascript	1.168 s	28 ms	76 ms	87 ms	64 ms	97 ms	14.6 KB	-	200	172.217.7.206
19	<a href="https://oregontechsf...g?sfrsn=fe958660_10">https://oregontechsf...g?sfrsn=fe958660_10</a>	image/jpeg	1.45 s	-	-	-	47 ms	7 ms	4.6 KB	-	200	72.21.81.200
20	<a href="https://oregontechsf...g?sfrsn=f6958660_10">https://oregontechsf...g?sfrsn=f6958660_10</a>	image/jpeg	1.45 s	-	-	-	56 ms	7 ms	4.7 KB	-	200	72.21.81.200
21	<a href="https://oregontechsf...pg?sfrsn=bd04bd60_8">https://oregontechsf...pg?sfrsn=bd04bd60_8</a>	image/png	1.45 s	132 ms	73 ms	263 ms	39 ms	7 ms	4.5 KB	-	200	72.21.81.200
22	<a href="https://oregontechsf...g?sfrsn=2a828360_12">https://oregontechsf...g?sfrsn=2a828360_12</a>	image/png	1.45 s	-	-	-	66 ms	5 ms	4.4 KB	-	200	72.21.81.200
23	<a href="https://www.google-a...497&amp; r=1&amp;z=683031963">https://www.google-a...497&amp; r=1&amp;z=683031963</a>	text/html	1.565 s	-	-	-	43 ms	-	-	-	302	172.217.7.206
24	<a href="https://stats.g.doub...6&amp; v=166&amp;z=683031963">https://stats.g.doub...6&amp; v=166&amp;z=683031963</a>	text/html	1.751 s	25 ms	40 ms	60 ms	52 ms	-	-	-	302	209.85.232.156
25	<a href="https://www.google.c...4&amp; v=166&amp;z=683031963">https://www.google.c...4&amp; v=166&amp;z=683031963</a>	image/gif	1.922 s	0 ms	42 ms	71 ms	46 ms	1 ms	0.4 KB	-	200	172.217.7.228
26	<a href="http://oregontechcdn...vicon/oregontech.ico">http://oregontechcdn...vicon/oregontech.ico</a>	image/x-icon	1.978 s	-	-	-	41 ms	18 ms	11.8 KB	-	200	152.195.33.88

## Request Headers

+ Expand All

- + Request 1: <http://www.oit.edu/strategic-partnerships/applied-research/renewable-energy-consortium>
- + Request 2: [http://www.oit.edu/Telerik.Web.UI.WebResource.axd?d=VEaRYqO1cFjuEmmDplGFcKkVK8m7raniLb6A7hBORhaQCVyOsY2cHltezK89RtfNj9Mmh\\_jhFFZjxnAo18eA6LlrXWCFlr\\_JgR0yBUKIOU-ftVsouCC2ax9RVLuWrKC59x0enw2&t=636423372088596335&compress=0&\\_TSM\\_CombinedScripts\\_=%3b%3bTelerik.Sitefinity.Resources%2c+Version%3d10.2.6750f-476a-8680-f71964beed5b%3a7a90d6a](http://www.oit.edu/Telerik.Web.UI.WebResource.axd?d=VEaRYqO1cFjuEmmDplGFcKkVK8m7raniLb6A7hBORhaQCVyOsY2cHltezK89RtfNj9Mmh_jhFFZjxnAo18eA6LlrXWCFlr_JgR0yBUKIOU-ftVsouCC2ax9RVLuWrKC59x0enw2&t=636423372088596335&compress=0&_TSM_CombinedScripts_=%3b%3bTelerik.Sitefinity.Resources%2c+Version%3d10.2.6750f-476a-8680-f71964beed5b%3a7a90d6a)
- + Request 3: [http://www.oit.edu/WebResource.axd?d=Ih5opiHoKSdJXZzRTcsj3Hwlu6KEg4u9NA-pqt-GVHtd245cZTdWtMtnpp9R2nMk8q56Dwfembpsf\\_ZH9Ozj-3L377k1&t=636354654046607314](http://www.oit.edu/WebResource.axd?d=Ih5opiHoKSdJXZzRTcsj3Hwlu6KEg4u9NA-pqt-GVHtd245cZTdWtMtnpp9R2nMk8q56Dwfembpsf_ZH9Ozj-3L377k1&t=636354654046607314)
- + Request 4: <http://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js>
- + Request 5: <http://oregontechcdn.azureedge.net/css/otwebsite/klamath/defaultstyles.min.css?v=7>
- + Request 6: <http://oregontechcdn.azureedge.net/img/ot-logo.png>
- + Request 7: <http://www.oit.edu/img/FileIcons16/pdf.gif>
- + Request 8: <http://oregontechcdn.azureedge.net/img/crater-lake.png>
- + Request 9: <http://oregontechcdn.azureedge.net/js/otwebsite/common.min.js?v=5>
- + Request 10: <http://oregontechcdn.azureedge.net/img/bg/bg-tile.jpg>
- + Request 11: <http://oregontechcdn.azureedge.net/img/icons/oit/cd-top-arrow.png>

+ Request 13: <http://oregontechcdn.azureedge.net/img/icons/social/youtube-light.png>

+ Request 14: <http://oregontechcdn.azureedge.net/img/icons/telerikicons.png>

+ Request 15: <http://oregontechcdn.azureedge.net/img/icons/zoom-in.png>

+ Request 16: <http://oregontechcdn.azureedge.net/img/bg/bg-head-blue.jpg>

+ Request 17: <http://oregontechcdn.azureedge.net/img/template-sprites.png>

+ Request 18: <https://www.google-analytics.com/analytics.js>

+ Request 19: [https://oregontechsfcdn.azureedge.net/oregontech/images/default-source/public-relations/online-programs.jpg?sfvrsn=fe958660\\_10](https://oregontechsfcdn.azureedge.net/oregontech/images/default-source/public-relations/online-programs.jpg?sfvrsn=fe958660_10)

+ Request 20: [https://oregontechsfcdn.azureedge.net/oregontech/images/default-source/public-relations/clean-energy.jpg?sfvrsn=f6958660\\_10](https://oregontechsfcdn.azureedge.net/oregontech/images/default-source/public-relations/clean-energy.jpg?sfvrsn=f6958660_10)

+ Request 21: [https://oregontechsfcdn.azureedge.net/oregontech/images/default-source/public-relations/how-we-rank.jpg?sfvrsn=bd04bd60\\_8](https://oregontechsfcdn.azureedge.net/oregontech/images/default-source/public-relations/how-we-rank.jpg?sfvrsn=bd04bd60_8)

+ Request 22: [https://oregontechsfcdn.azureedge.net/oregontech/images/default-source/public-relations/employment-opportunities.png?sfvrsn=2a828360\\_12](https://oregontechsfcdn.azureedge.net/oregontech/images/default-source/public-relations/employment-opportunities.png?sfvrsn=2a828360_12)

+ Request 23: [https://www.google-analytics.com/r/collect?v=1&\\_v=j66&a=1780555225&t=pageview&\\_s=1&dl=http%3A%2F%2Fwww.oit.edu%2Fstrategic-partnerships%2Fapplied-research%2Frenewable-energy-consortium&ul=en-us&de=UTF-8&dt=Renewable%20Energy%20Consortium&sd=24-bit&sr=1920x1200&vp=1009x702&je=0&\\_u=IEBAAAAB~&jid=581211974&gjid=1502339386&cid=1202296857.1523455497&tid=UA-9079226-1&\\_gid=1804617616.1523455497&\\_r=1&z=683031963](https://www.google-analytics.com/r/collect?v=1&_v=j66&a=1780555225&t=pageview&_s=1&dl=http%3A%2F%2Fwww.oit.edu%2Fstrategic-partnerships%2Fapplied-research%2Frenewable-energy-consortium&ul=en-us&de=UTF-8&dt=Renewable%20Energy%20Consortium&sd=24-bit&sr=1920x1200&vp=1009x702&je=0&_u=IEBAAAAB~&jid=581211974&gjid=1502339386&cid=1202296857.1523455497&tid=UA-9079226-1&_gid=1804617616.1523455497&_r=1&z=683031963)

+ Request 24: [https://stats.g.doubleclick.net/r/collect?v=1&aip=1&t=dc&\\_r=3&tid=UA-9079226-1&cid=1202296857.1523455497&jid=581211974&\\_gid=1804617616.1523455497&gjid=1502339386&\\_v=j66&z=683031963](https://stats.g.doubleclick.net/r/collect?v=1&aip=1&t=dc&_r=3&tid=UA-9079226-1&cid=1202296857.1523455497&jid=581211974&_gid=1804617616.1523455497&gjid=1502339386&_v=j66&z=683031963)

+ Request 25: [https://www.google.com/ads/ga-audiences?v=1&aip=1&t=sr&\\_r=4&tid=UA-9079226-1&cid=1202296857.1523455497&jid=581211974&\\_v=j66&z=683031963](https://www.google.com/ads/ga-audiences?v=1&aip=1&t=sr&_r=4&tid=UA-9079226-1&cid=1202296857.1523455497&jid=581211974&_v=j66&z=683031963)

+ Request 26: <http://oregontechcdn.azureedge.net/img/favicon/oregontech.ico>

#### Recent Industry Blog Posts

[How Can CDN Improve Your Google Ranking?](#)

[Introducing Last Painted Hero](#)

[Reasons why Rigor is a G2 Crowd Spring Leader](#)

[This page loaded in X seconds](#)

[SpeedCurve Consulting Services with Tim Kadlec](#)

[more...](#)

#### WebPagetest Partners

#### Recent Discussions

[How to set location from URL?](#)

[Web Page Performance Test](#)

[What is the best way to get/read the filmstrip view results](#)

[IE11 test not showing any asset details in waterfall view](#)

[Maximum number of Preload hints?](#)

[more...](#)