

## Performance Report for: <https://www.tesla.com/>

Report generated: Wed, Dec 27, 2023 2:07 PM -0800  
 Test Server Location: San Antonio, TX, USA  
 Using: Chrome 117.0.0.0, Lighthouse 11.0.0

<b>E</b>	Performance <b>46%</b>	Structure <b>79%</b>	L. Contentful Paint <b>3.2s</b>	T. Blocking Time <b>757ms</b>	C. Layout Shift <b>0.05</b>
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### Top Issues

IMPACT	AUDIT	
High	Avoid enormous network payloads <small>LCP</small>	Total size was 11.4MB
Med-High	Avoid an excessive DOM size <small>TBT</small>	2,582 elements
Med	Avoid long main-thread tasks <small>TBT</small>	20 long tasks found
Med	Use explicit width and height on image elements <small>CLS</small>	25 images found
Med	Serve static assets with an efficient cache policy	Potential savings of 8.37MB

### Page Details



Total Page Size - 11.4MB



Total Page Requests - 75



HTML JS CSS IMG Video Font Other

### How does this affect me?

Today's web user expects a fast and seamless website experience. Delivering that fast experience can result in increased visits, conversions and overall happiness.

As if you didn't need more incentive, **Google has announced that they are using page speed in their ranking algorithm.**

### About GTmetrix

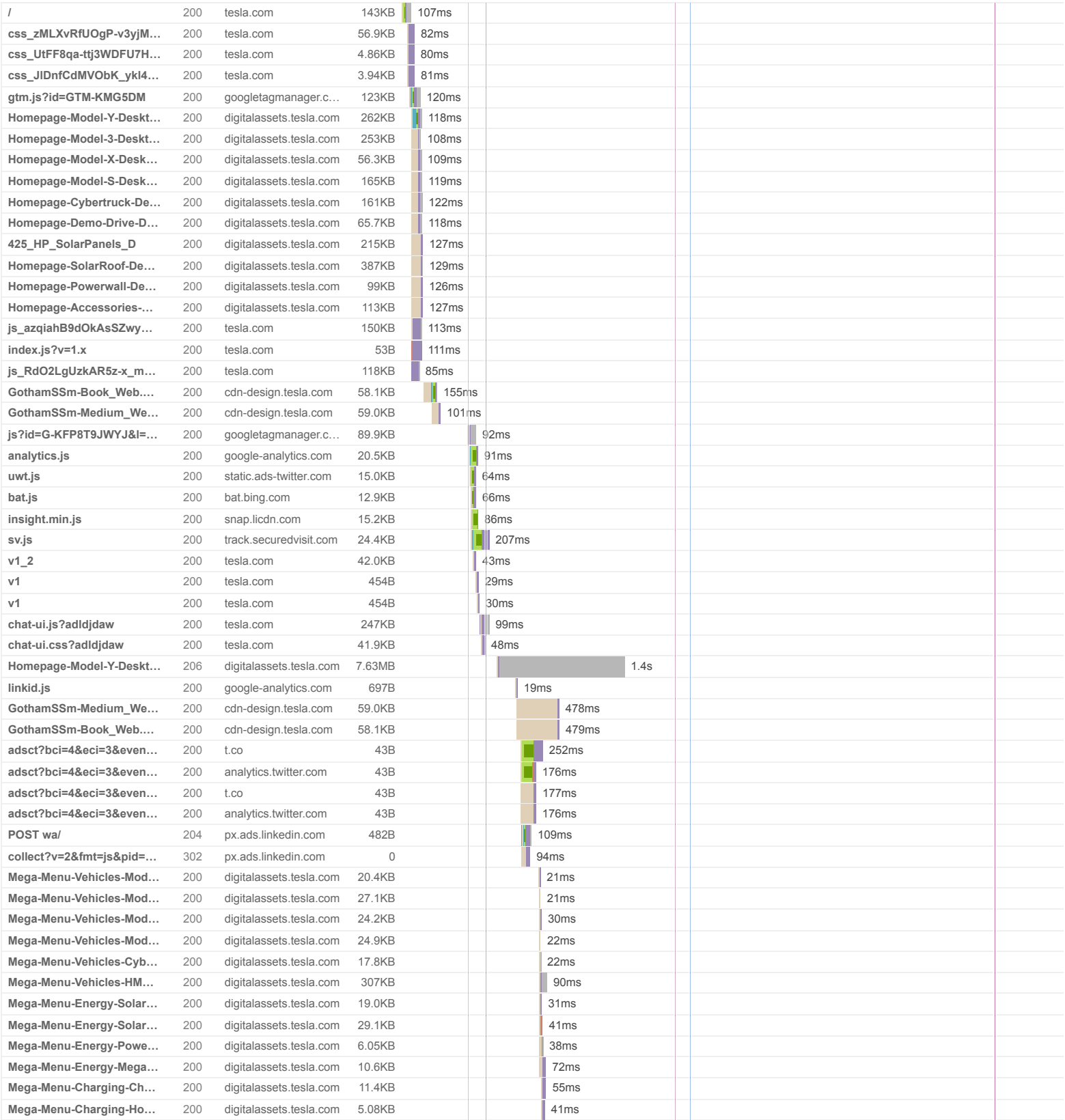
**CARBON60**  
THE MANAGED CLOUD COMPANY

GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 27 years experience in web technology.

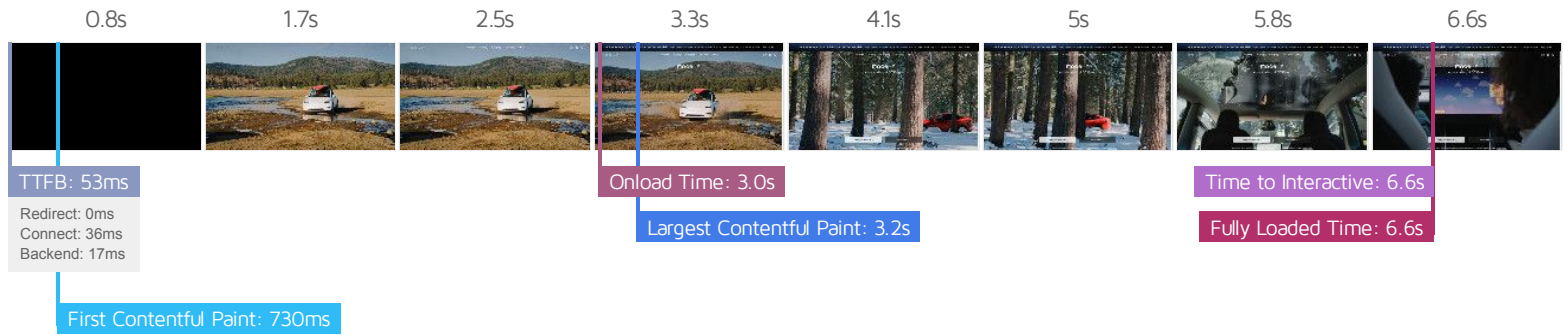
<https://carbon60.com/>

The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

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Mega-Menu-Charging-Su...	200	digitalassets.tesla.com	13.4KB			42ms	
Mega-Menu-Shop-Chargi...	200	digitalassets.tesla.com	5.08KB			42ms	
Mega-Menu-Shop-Vehicle...	200	digitalassets.tesla.com	52.1KB			51ms	
Mega-Menu-Shop-Appare...	200	digitalassets.tesla.com	27.5KB			43ms	
Mega-Menu-Shop-Lifestyl...	200	digitalassets.tesla.com	12.9KB			51ms	
343092001.js	200	bat.bing.com	1.54KB			40ms	
0?ti=343092001&tm=gtm0...	204	bat.bing.com	359B			39ms	
collect?v=2&fmt=js&pid=...	302	px.ads.linkedin.com	0			165ms	
li_sync?redirect=https%3...	302	linkedin.com	0			82ms	
or30Q7v33eiDljA1lufXTtVf...	200	fonts.gstatic.com	11.4KB			143ms	
nwpCtLGroAZMI5nJ_wfg...	200	fonts.gstatic.com	67.5KB			161ms	
iJWQBXeUZI_OHPqn4wq...	200	fonts.gstatic.com	25.5KB			159ms	
collect?v=2&fmt=js&pid=...	200	px.ads.linkedin.com	397B			62ms	
343092001	200	clarity.ms	828B			100ms	
clarity.js	200	clarity.ms	20.2KB			21ms	
c.gif	302	c.clarity.ms	0			146ms	
manifest.json	200	tesla.com	291B			194ms	
favicon.ico	200	tesla.com	902B			35ms	
POST collect	200	s.clarity.ms	484B			148ms	
c.gif?ctsa=mr&CtsSyncid...	302	c.bing.com	0			45ms	
c.gif?ctsa=mr&CtsSyncid...	200	c.clarity.ms	42B			36ms	
apple-touch-icon-144x144...	200	tesla.com	6.52KB			20ms	
75 Requests				11.4MB (14.7MB Uncompressed)		Fully Loaded 6.6s (Onload 3s)	



## Performance Metrics

<b>First Contentful Paint</b> How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less.	Good - Nothing to do here <b>730ms</b>	<b>Time to Interactive</b> How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.	Much longer than recommended <b>6.6s</b>
<b>Speed Index</b> How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.	Much longer than recommended <b>5.6s</b>	<b>Total Blocking Time</b> How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.	Much longer than recommended <b>757ms</b>
<b>Largest Contentful Paint</b> How long it takes for the largest element of content (e.g. a hero image) to be painted on your page. A good user experience is 1.2s or less.	Much longer than recommended <b>3.2s</b>	<b>Cumulative Layout Shift</b> How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less.	Good - Nothing to do here <b>0.05</b>

## Browser Timings

Redirect	0ms	Connect	36ms	Backend	17ms
TTFB	53ms	First Paint	730ms	DOM Int.	792ms
DOM Loaded	918ms	Onload	3.0s	Fully Loaded	6.6s

IMPACT	AUDIT	
High	<b>Avoid enormous network payloads</b> <small>LCP</small>	Total size was 11.4MB
Med-High	<b>Avoid an excessive DOM size</b> <small>TBT</small>	2,582 elements
Med	<b>Avoid long main-thread tasks</b> <small>TBT</small>	20 long tasks found
Med	<b>Use explicit width and height on image elements</b> <small>CLS</small>	25 images found
Med	<b>Serve static assets with an efficient cache policy</b>	Potential savings of 8.37MB
Med-Low	<b>Use a Content Delivery Network (CDN)</b>	35 resources found
Low	<b>Reduce JavaScript execution time</b> <small>TBT</small>	1.4s spent executing JavaScript
Low	<b>Avoid chaining critical requests</b> <small>FCP LCP</small>	11 chains found
Low	<b>Preconnect to required origins</b> <small>FCP LCP</small>	Potential savings of 82ms
Low	<b>Enable text compression</b> <small>FCP LCP</small>	Potential savings of 38.0KB
Low	<b>Properly size images</b>	Potential savings of 1.76MB
Low	<b>Reduce unused CSS</b> <small>FCP LCP</small>	Potential savings of 88.5KB
Low	<b>Serve images in next-gen formats</b>	Potential savings of 277KB
Low	<b>Defer offscreen images</b>	Potential savings of 1.52MB
Low	<b>Avoid large layout shifts</b> <small>CLS</small>	5 elements found
Low	<b>Avoid non-composited animations</b> <small>CLS</small>	4 animated elements found
Low	<b>Reduce unused JavaScript</b> <small>LCP</small>	Potential savings of 337KB
N/A	<b>Largest Contentful Paint element</b> <small>LCP</small>	3,210 ms
N/A	<b>Eliminate render-blocking resources</b> <small>FCP LCP</small>	Potential savings of 17ms
N/A	<b>Reduce initial server response time</b> <small>FCP LCP</small>	Root document took 16ms
N/A	<b>Avoid serving legacy JavaScript to modern browsers</b> <small>TBT</small>	Potential savings of 213B
N/A	<b>Minimize main-thread work</b> <small>TBT</small>	Main-thread busy for 3.8s
N/A	<b>User Timing marks and measures</b>	1 user timing

N/A

Reduce the impact of third-party code TBT

Third-party code blocked the main thread for 8ms