



Performance Report for: <https://aiwa.ai/wp/h2-solar/>

Report generated: Mon, Aug 22, 2022 6:38 AM -0700
Test Server Location: Vancouver, Canada
Using: Chrome (Desktop) 103.0.5060.134, Lighthouse 9.6.4

	Performance 60%	Structure 54%	L. Contentful Paint 3.4s	T. Blocking Time 22ms	C. Layout Shift 0.19
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Top Issues

IMPACT	AUDIT	
High	Eliminate render-blocking resources FCP LCP	Potential savings of 3.2s
High	Avoid enormous network payloads LCP	Total size was 5.01MB
Med	Enable text compression FCP LCP	Potential savings of 638KB
Med	Serve static assets with an efficient cache policy	Potential savings of 4.07MB
Med	Use HTTP/2 for all resources	Potential savings of 6.1s

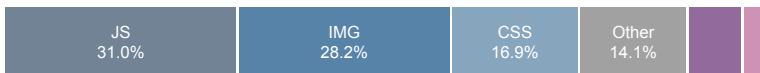
Page Details



Total Page Size - 5.01MB



Total Page Requests - 71



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.**

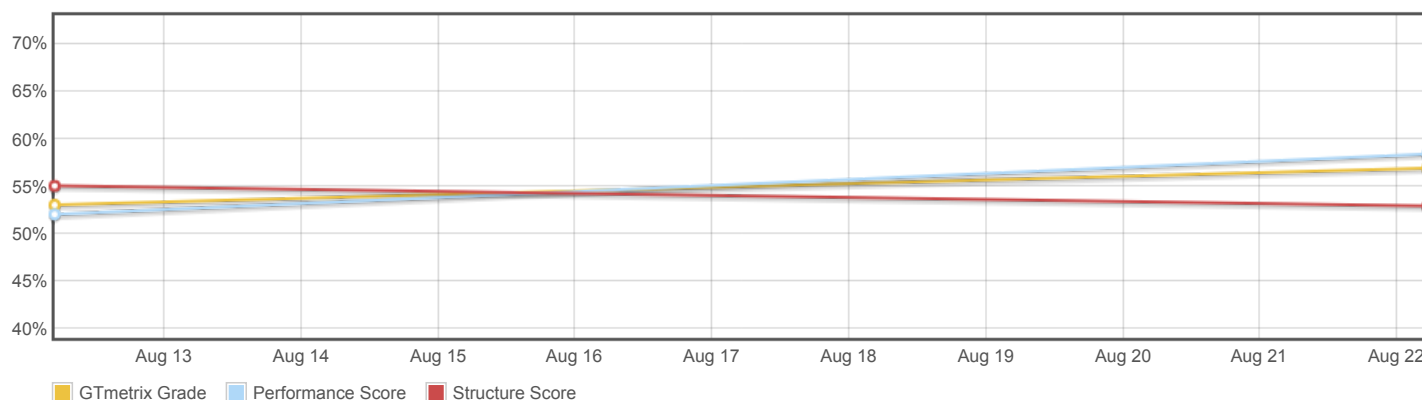
About GTmetrix

CARBON60
THE MANAGED CLOUD COMPANY

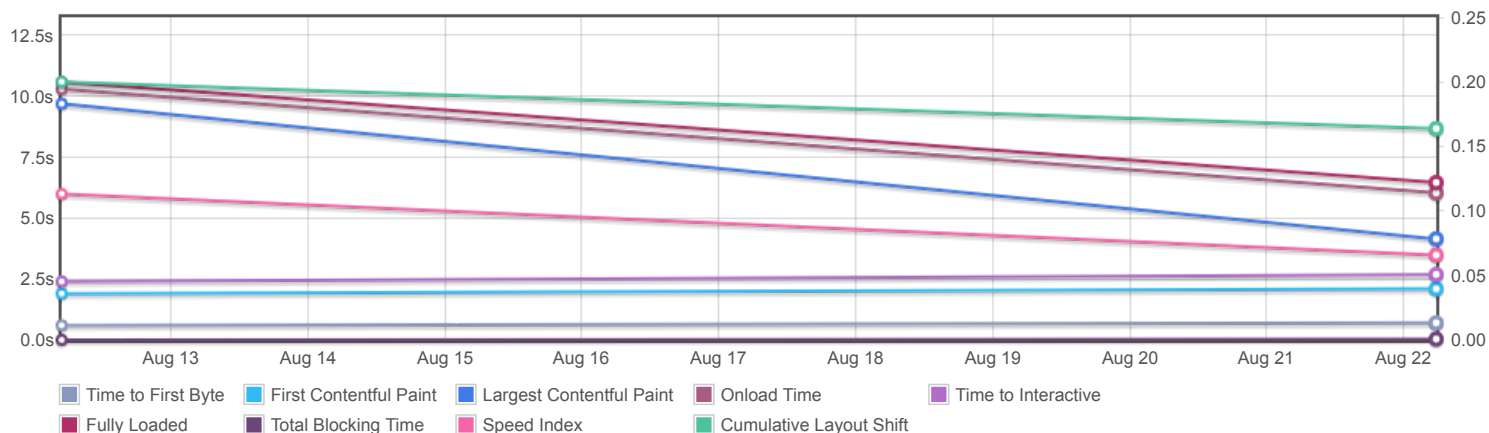
GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 26 years experience in web technology.

<https://carbon60.com/>

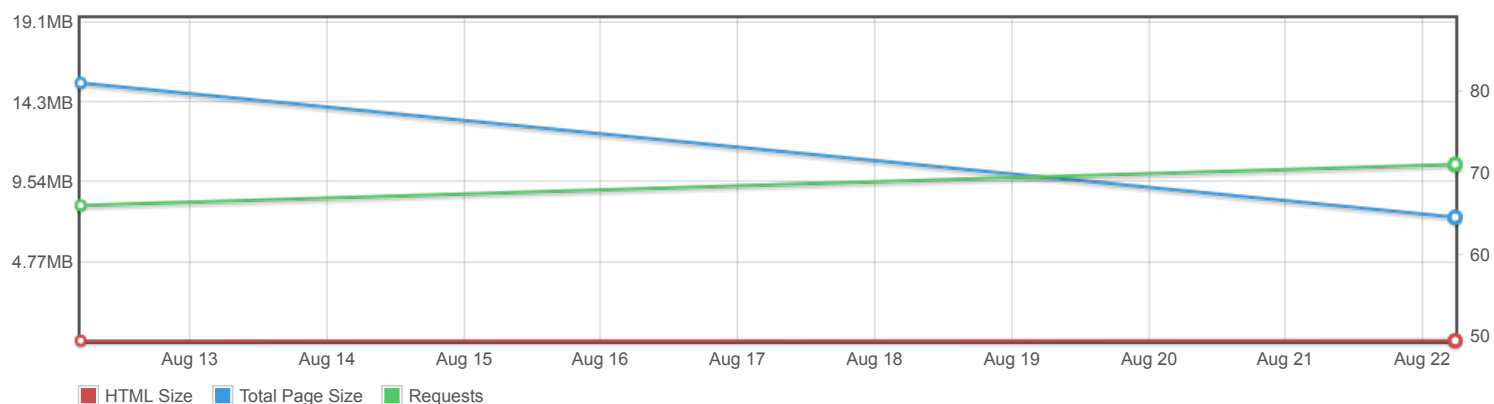
Page scores



Page metrics

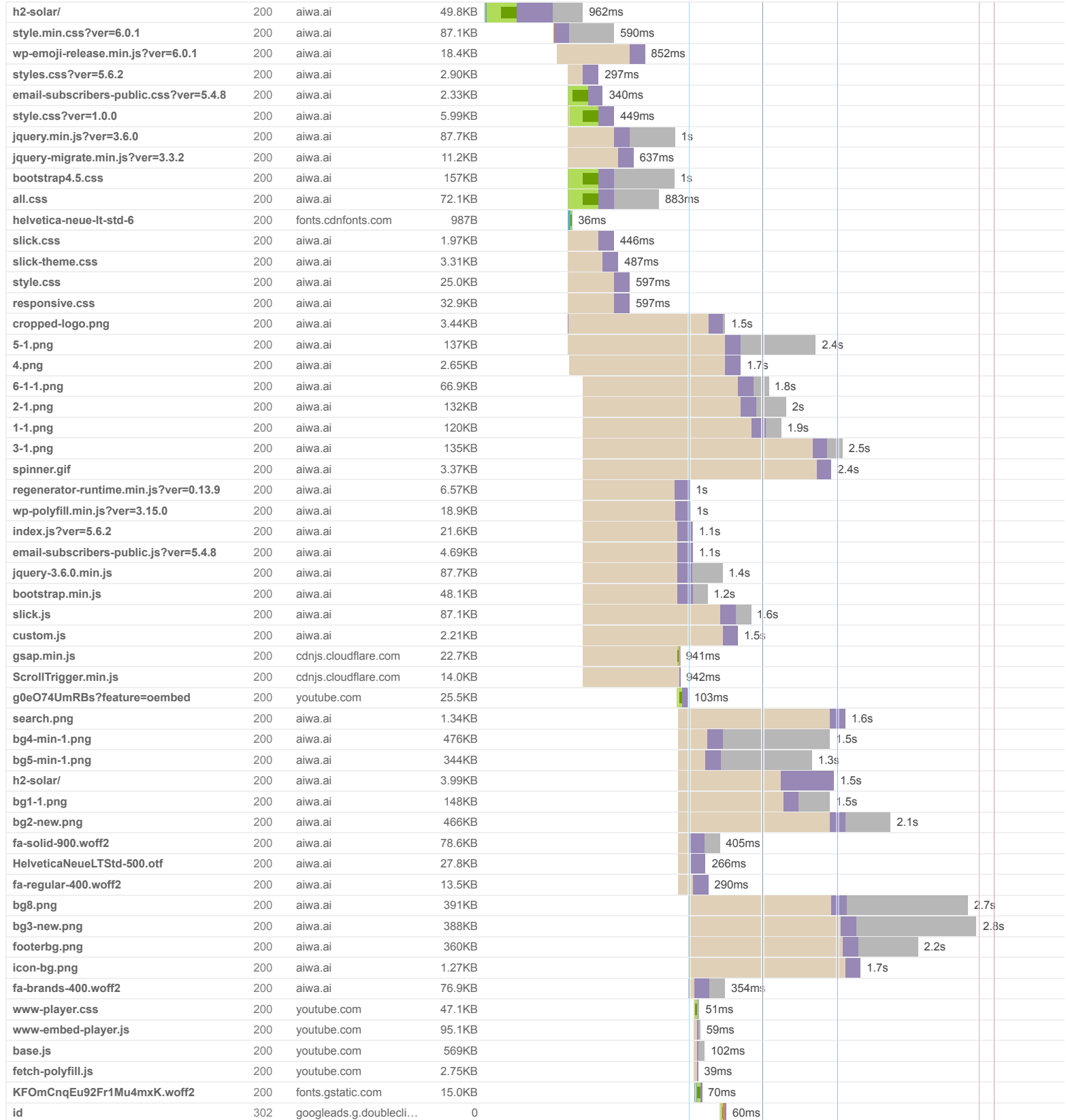


Page sizes and request counts

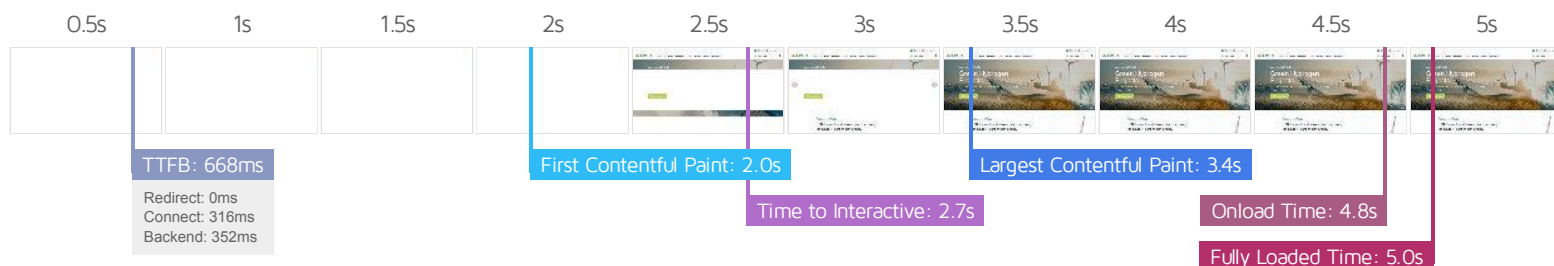


The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

H2 | Solar



ad_status.js	200	static.doubleclick.net	29B		52ms			
POST Create	200	jnn-pa.googleapis.com	30.0KB		104ms			
OPTIONS Create	200	jnn-pa.googleapis.com	0		65ms			
remote.js	200	youtube.com	36.8KB		25ms			
embed.js	200	youtube.com	7.93KB		6ms			
id?silf_rd=1	200	googleads.g.doublecli...	146B		30ms			
cast_sender.js	200	gstatic.com	1.96KB		46ms			
cast_sender.js	200	gstatic.com	14.8KB		27ms			
POST GenerateIT	200	jnn-pa.googleapis.com	142B		37ms			
OPTIONS GenerateIT	200	jnn-pa.googleapis.com	0		9ms			
ajax-loader.gif	200	aiwa.ai	6.33KB		294ms			
schema	200	aiwa.ai	1.03KB			770ms		
POST get?key=AlzaSyAO_FJ2SlqU8...	200	youtube.com	13.7KB			33ms		
ccsNW8B7Gh_5RfA3Gd14x3uOpbCJ...	200	google.com	13.9KB			34ms		
generate_204?Mupgfw	204	youtube.com	0			7ms		
POST log_event?alt=json&key=AlzaS...	200	youtube.com	50B				30ms	
cropped-favicon-32x32.png	200	aiwa.ai	2.07KB					150ms
71 Requests 5.01MB (7.20MB Uncompressed) Fully Loaded 5s (Onload 4.8s)								



Performance Metrics

First Contentful Paint How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less.	Much longer than recommended 2.0s	Time to Interactive How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.	OK, but consider improvement 2.7s
Speed Index How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.	Much longer than recommended 3.1s	Total Blocking Time How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.	Good - Nothing to do here 22ms
Largest Contentful Paint 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 3.4s	Cumulative Layout Shift How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less.	More than recommended 0.19

Browser Timings

Redirect	0ms	Connect	316ms	Backend	352ms
TTFB	668ms	First Paint	2.0s	DOM Int.	2.7s
DOM Loaded	2.7s	Onload	4.8s	Fully Loaded	5.0s

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Med-Low	Use a Content Delivery Network (CDN)	40 resources found
Med-Low	Lazy load third-party resources with facades TBT	1 facade alternative available
Med-Low	Properly size images	Potential savings of 274KB
Med-Low	Defer offscreen images	Potential savings of 364KB
Med-Low	Avoid large layout shifts CLS	5 elements found
Low	Reduce unused CSS FCP LCP	Potential savings of 352KB
Low	Use passive listeners to improve scrolling performance	1 event listener not passive
Low	Serve images in next-gen formats	Potential savings of 2.30MB
Low	Avoid chaining critical requests FCP LCP	25 chains found
Low	Reduce unused JavaScript LCP	Potential savings of 177KB
Low	Ensure text remains visible during webfont load FCP LCP	1 font found
Low	Avoid long main-thread tasks TBT	2 long tasks found
Low	Minify JavaScript FCP LCP	Potential savings of 37.4KB
Low	Avoid an excessive DOM size TBT	552 elements
Low	Reduce JavaScript execution time TBT	106ms spent executing JavaScript
Low	Reduce initial server response time FCP LCP	Root document took 351ms
Low	Minify CSS FCP LCP	Potential savings of 19.7KB
Low	Avoid non-composited animations CLS	14 animated elements found

N/A	Largest Contentful Paint element LCP	1 element found
N/A	Minimize main-thread work TBT	Main-thread busy for 622ms
N/A	Reduce the impact of third-party code TBT	Total size was 885KB
N/A	User Timing marks and measures	