



# Guatemala City Small and Medium Wind Power Generation System

This PDF is generated from: <https://www.moritz-kenk.eu/Mon-24-May-2021-6892.html>

Title: Guatemala City Small and Medium Wind Power Generation System

Generated on: 2026-05-04 04:06:05

Copyright (C) 2026 KENK EU. All rights reserved.

For the latest updates and more information, visit our website: <https://www.moritz-kenk.eu>

-----

Fuel MixGreenhouse Gas Emissions TargetsGovernment Energy Agencies & Other Key PlayersElectricity UsageCoal in GuatemalaOil & Natural Gas in GuatemalaRenewable Energy in GuatemalaEnvironmental & Social Impacts of Energy in GuatemalaGuatemala plans to fuel 80% of its electricity matrix with renewable energy by 2030. Guatemala's policy for rural electrification focuses on renewable energy sources such as solar PV, wind, small hydroelectric plants, and hybrid power plants.National electricity agency EEGSA has recently made moves to replace coal-fired power plants with energy fro...See more on gem.wiki.iacfm

```
.iacf_head{display:flex;align-items:center;gap:var(--smtc-gap-between-content-small);text-decoration-color:var(--smtc-foreground-content-neutral-primary);box-sizing:border-box;margin-bottom:var(--smtc-gap-between-content-x-small)}.iacfm .iacf_head span{flex:1 1 0;white-space:nowrap;text-overflow:ellipsis;overflow:hidden;color:var(--smtc-foreground-content-neutral-primary);font:var(--bing-smtc-text-global-body3-strong)}.iacfm .iacf_head div{display:flex;height:22px;width:22px;justify-content:center;align-items:center;transition:background 300ms ease-out;margin-right:-3px;border-radius:var(--mai-smtc-corner-list-card-default);overflow:hidden}.iacfm .iacf_head .iacf_chv{color:var(--smtc-foreground-content-neutral-primary)}[dir="rtl"] .iacfm .iacf_head svg{transform:scaleX(-1)}.rel_ent_w{margin:4px 0 9px}.rel_ent_w .rel_ent_w:focus-visible{outline-offset:-6px}.rel_ent_w .rel_ent_crs{margin:6px 0 16px}.b_top .rel_ent_w{margin-top:-4px}.b_top .rel_ent_w .rel_ent_crs{margin-top:0}.b_mm_swipable .rel_ent_w{margin:4px 0 20px}.b_rich .rel_ent_w{margin:-3px -16px 8px}.rel_ent_w .rel_ent_scr:not(.rel_ent_crs){height:50px;overflow:hidden}.rel_ent_c{white-space:nowrap;overflow:hidden;padding-left:1px;height:50px}.aqptmt:not(.rel_ent_crs) .rel_ent_c{display:flex}.rel_ent_wp .rel_ent_c{white-space:initial}.rel_ent_scr .rel_ent_c{overflow-y:hidden;-webkit-overflow-scrolling:touch;overflow-x:auto}.rel_ent_scr:not(.rel_ent_crs) .rel_ent_c{padding-bottom:12px}.b_mm_swipable .rel_ent_c{padding-left:10px;margin-top:-2px;margin-bottom:4px}.b_rich .rel_ent_c{padding-left:15px}.rel_ent_w .rel_ent_crs .slide,.rel_ent_w .rel_ent_crs .slide:hover{width:auto;height:42px;border-radius:20px!important;box-shadow:none!important;overflow:visib
```



# Guatemala City Small and Medium Wind Power Generation System

```
le}a.rel_ent{display:inline-block;padding:0 16px 0 12px;margin:4px 8px 4px 0;border-radius:20px;border:1px solid #ddd;text-decoration:none;overflow:hidden;height:40px;max-width:80vw}:not(#lgVidAnsContainer)>.aqptmt .rel_ent_c a.rel_ent{overflow:initial;display:flex}.slide a.rel_ent{margin:0;box-shadow:none}.b_slidebar .slide .rel_ent .cico,.rel_ent .cico,.rel_ent>img{display:inline-block;vertical-align:middle;margin:2px 8px 2px -10px;border-radius:50%;background:#f7f7f7;flex-shrink:0}.rel_ent_tw{vertical-align:middle;font-size:12px;color:#444;line-height:16px;height:100%;float:right;display:table}.rel_ent_t{display:table-cell;vertical-align:middle;align-content:center}.aqptmt:not(.splt2) .rel_ent_tw,.aqptmt:not(.splt2) .rel_ent_tw .rel_ent_t{overflow:hidden;text-overflow:ellipsis;white-space:nowrap}.aqptmt:not(.splt2) .rel_ent_tw{display:flex;overflow:hidden;text-overflow:ellipsis;align-items:center;white-space:nowrap}.rel_ent_w:not(.splt2) .rel_ent_t strong{display:inline-block;font-weight:normal}#b_results phead .b_attribution{padding-bottom:8px}.iaplanner .b_moreLink{margin-top:11px}.iaplanner.iarnd .b_moreLink{margin-top:3px}.b_ans .b_rich pserp.b_mBMargin{padding:0;border-top:0}.b_ans #vidans2 .b_rich .rel_ent_w{margin:6px 0 16px}.aqptmt a.rel_ent{border-color:#106ebe}.aqptmt:not(.splt2) .rel_ent_tw,.aqptmt:not(.splt2) .rel_ent_tw .rel_ent_t{font-size:16px}#b_content .iacfic.mmkiaacf .iacfmit .imgInfo{color:var(--smtc-ctrl-link-foreground-brand-rest)}#b_content .iacfic.mmkiaacf .iacfmit a{text-decoration-color:var(--smtc-ctrl-link-foreground-brand-hover)}#b_content .iacfic.mmkiaacf .iacfmit .imgInfo{font:var(--bing-smtc-text-global-body3)}#b_content .iacfic.mmkiaacf .iacfmit .iacf_crsI[data-wptds-carousel]>div[data-wptds-carousel-scroll-container]{padding-bottom:52px}#b_content .iacfic.mmkiaacf .iacfmit{box-sizing:initial;padding-bottom:52px}#b_content .iacfic.mmkiaacf .iacfmit .imgInfo{text-overflow:ellipsis;display:-webkit-box;-webkit-line-clamp:2;-webkit-box-orient:vertical;align-self:stretch;padding:0 var(--smtc-gap-between-content-xx-small);overflow:hidden}#b_content .iacfic.mmkiaacf .iacfimgc{padding-bottom:var(--smtc-gap-between-content-x-small)}#b_content .acfImgAns .salink{text-align:center;display:block;padding-bottom:var(--smtc-gap-between-content-medium);margin:-2px 0 0 0}#b_content .acfImgAns .salink acf-button-standard{display:inline-block;position:relative}#b_content .acfImgAns .salink::before{border-bottom:1px solid var(--smtc-stroke-ctrl-on-neutral-rest);width:100%;display:block;content:"";top:18px;position:relative}#b_content .acfImgAns .rel_ent_w a.rel_ent{border:1px solid var(--acf-stroke-neutral-decorative)}#b_content .acfImgAns .iaheader .iacf_head{text-decoration-color:var(--smtc-foreground-ctrl-neutral-primary-hover)}#b_content .acfImgAns .iaheader .iacf_head span,#b_content .acfImgAns .iaheader .iacf_head svg{color:var(--smtc-foreground-content-neutral-primary);forced-color-adjust:auto}#b_content .iacfic.mmkiaacf .iacf_plan .cico{border-radius:var(--mai-smtc-corner-card-default)}#b_content .iacfic.mmkiaacf .iacf_plan .cico img{border-radius:var(--mai-smtc-corner-card-default)}#b_content .iacfic.mmkiaacf{overflow:visible;padding:0}#b_content .iacfic.mmkiaacf .iacf_crsI[data-wptds-carousel]{margin:0;padding-bottom:var(--smtc-gap-between-content-medium)}#b_content .iacfic.mmkiaacf .iacf_crsI[data-wptds-carousel][data-wptds-carousel-controls]{--wptds-carousel-control-opacity:1}#b_content .iacfic.mmkiaacf .iacf_crsI[data-wptds-carousel]>div{padding:0}#b_content .iacfic.mmkiaacf .iacf_crsI[data-wptds-carousel][data-direction="end"]{margin-right:-22px}#b_content .iacfic.mmkiaacf .iacf_crsI[data-wptds-carousel][data-direction="end"] svg{transform:scaleX(-1)}#b_content .iacfic.mmkiaacf .iacf_crsI[data-wptds-carousel]
```

# Guatemala City Small and Medium Wind Power Generation System

```
[data-direction="start"]{margin-left:-22px}#b_content .iacfic.mmkiaacf .iacf_crsl[data-wptds-carousel]
[data-direction="start"] svg{transform:scaleX(1)}#b_content .iacfic.mmkiaacf .iacf_crsl[data-wptds-carousel]
button{background:var(--smtc-background-card-on-primary-default-rest);box-shadow:var(--bing-smtc-shadows-card-hover-3);width:36px;border-radius:var(--smtc-corner-ctrl-lg-rest)}#b_content .iacfic.mmkiaacf .iacf_crsl[data-wptds-carousel]
button:hover{background:var(--smtc-background-card-on-primary-default-hover)}#b_content .iacfic.mmkiaacf .iacf_crsl[data-wptds-carousel]
button:active{background:var(--smtc-background-card-on-primary-default-pressed)}#b_content .iacfic.mmkiaacf .iacf_crsl[data-wptds-carousel] button svg{transition:initial}#b_content .iacfic.mmkiaacf .iacf_crsl[data-wptds-carousel] button svg
path{fill:var(--smtc-foreground-content-neutral-secondary);forced-color-adjust:auto}#b_content .iacfic.mmkiaacf .iacfmit{position:absolute}#b_content .iacfic.mmkiaacf .iacfimgc{margin:auto}#b_content .b_ans.b_imgansacf{padding:0!important}#b_content .b_ans.b_top.b_imgansacf{background-color:initial!important}#b_content .acfImgAns .iaheader .iacf_head{gap:0;padding:var(--smtc-gap-between-content-medium) 0;display:flex;align-items:center;box-sizing:border-box}#b_content .acfImgAns .iaheader .iacf_head:hover{text-decoration:none}#b_content .acfImgAns .iaheader .iacf_head:hover span{text-decoration:underline}#b_content .acfImgAns .iaheader .iacf_head:hover .iacf_chv{background:initial}#b_content .acfImgAns .iaheader .iacf_head div{display:flex;align-items:center;transition:background 300ms ease-out;margin-right:-3px;border-radius:var(--smtc-corner-ctrl-lg-rest);overflow:hidden;color:var(--bing-smtc-foreground-content-neutral-secondary-alt)}#b_content .acfImgAns .iaheader .iacf_head span{width:initial;flex:none;font:var(--bing-smtc-text-global-subtitle1-strong);padding-inline-start:0;max-width:90%;text-overflow:ellipsis;white-space:nowrap;overflow:hidden}#b_content .acfImgAns .iaheader .iacf_head .iacf_chv{width:22px;justify-content:center;height:22px}#b_content .acfImgAns .rel_ent_w{margin-top:0}#b_content .acfImgAns .rel_ent_w .b_slideexp{margin:0}#b_content .acfImgAns .rel_ent_w .btn.rounded{top:initial;margin-top:1px}#b_content .acfImgAns .rel_ent_w .btn.next{right:-14px}#b_content .acfImgAns .rel_ent_w .cr>div{width:36px;height:38px;border-radius:var(--smtc-corner-ctrl-lg-rest);background:var(--bing-smtc-background-container);box-shadow:var(--bing-smtc-shadows-card-hover-3);border:initial}#b_content .acfImgAns .rel_ent_w .cr>div:after{margin-inline-start:2px;top:0}#b_content .acfImgAns .rel_ent_w .b_viewport{padding-top:0;margin-left:0;padding-left:0}#b_content .acfImgAns .rel_ent_w .b_viewport .slide{height:38px;margin-left:0;margin-inline-end:var(--smtc-gap-between-content-x-small)}#b_content .acfImgAns .rel_ent_w a.rel_ent{border-radius:var(--smtc-corner-circular);background:var(--smtc-background-card-on-primary-default-rest);padding-left:0;height:38px}#b_content .acfImgAns .rel_ent_w a.rel_ent:hover{background:var(--smtc-background-card-on-primary-default-hover)}#b_content .acfImgAns .rel_ent_w a.rel_ent:active{background:var(--smtc-background-card-on-primary-default-pressed)}#b_content .acfImgAns .rel_ent_w .cico{margin:var(--smtc-gap-between-content-xx-small) var(--smtc-gap-between-content-x-small) var(--smtc-gap-between-content-xx-small)}#b_content .acfImgAns .rel_ent_w
```

```
.rel_ent_tw{font:var(--bing-smtc-text-global-caption1-strong)}#b_content .acfImgAns .rel_ent_w
.rel_ent_c{padding-left:0}#b_content .acfImgAns .rel_ent_w .b_sliderbar{padding-inline-start:0}#b_content
.acfImgAns .rel_ent_w .rel_ent_c
.rel_ent:first-child{margin-inline-start:var(--mai-smtc-padding-card-default);align-items:center}html[dir=rtl]
#b_content .acfImgAns .iaheader .iacf_head svg{transform:scaleX(-1)}html[dir=rtl] #b_content .acfImgAns
.iacf_crsI[data-wptds-carousel] [data-direction="end"]{transform:scaleX(-1)}html[dir=rtl] #b_content
.acfImgAns .iacf_crsI[data-wptds-carousel] [data-direction="start"]{transform:scaleX(-1)}.iacfm .iacfmit
a:focus .isp_imgcont img,.iacfm .iacfmit a:focus .iacfimgc img,.iacfm .iacfmit a:focus .iacf_smol{outline:3px
dotted #1aebff;outline-offset:-5px}.iacfm .iacfmit .cico{position:relative}.iacfm .iacfmit
.cico::after{content:"";position:absolute;left:0;top:0;width:100%;height:100%;background:rgba(0,0,0,.03)}.gs
_card .iacfmit img,.b_wpt_container .iacfmit img,.b_acf_card .iacfmit img{transition:transform .3s
ease-out}.gs_card .iacfmit:hover .iacfimgc img,.b_wpt_container .iacfmit:hover .iacfimgc img,.b_acf_card
.iacfmit:hover .iacfimgc
img{transform:scale(1.1)}.iacfic{position:relative;height:100%;width:100%;background:#fff;overflow:hidden
;border-radius:inherit}.iacf_plan{position:relative}.iacfmit
.mimg{width:100%;height:100%;position:relative}.iacfic .iacfmit{position:absolute}.iacfic .iacfmit
.cico{border-radius:0}.iacfca{padding:var(--mai-smtc-padding-card-default);box-sizing:border-box;overflow:
hidden;border-radius:var(--mai-smtc-corner-card-default)}.iacfca .iacf_crsI
.iacfmit{overflow:hidden;position:relative}.iacfca .iacf_crsI .iacfmit
.cico{overflow:hidden;border-radius:var(--mai-smtc-corner-list-card-default)}.iacfca .iacf_crsI .iacfmit .cico
img{border-radius:inherit;transition:transform 300ms ease-out}.iacfca .iacf_crsI .iacfmit:hover .cico
img{transform:scale(1.1)}.iacfca .iacfmit a:focus,.iacfca .iacfmit a:focus img{outline:0}.iacfca .iacfmit
a:focus .cico::after{border-radius:inherit;box-shadow:inset 0 0 0 3px
var(--bing-smtc-background-card-on-primary-alt-rest);outline:2px solid
var(--smtc-foreground-content-neutral-secondary);outline-offset:-2px}.iacfca
[data-wptds-carousel][data-default][data-variant="Normal"]{margin:0
calc(-1*var(--mai-smtc-padding-card-default));height:auto}.iacfca
[data-wptds-carousel][data-default][data-variant="Normal"] [data-wptds-carousel-scroll-container]{padding:0
var(--mai-smtc-padding-card-default)}.iacfca [data-wptds-carousel][data-default][data-variant="Normal"]
[data-wptds-carousel-scroll-container] ol{width:fit-content;align-items:center}.iacfca
[data-wptds-carousel][data-default]
[data-wptds-carousel-control][data-direction="end"]{margin-right:24px}.iacfca
[data-wptds-carousel][data-default]
[data-wptds-carousel-control][data-direction="start"]{margin-left:24px}.iacfca
.iacf_pag{position:absolute;bottom:8px;left:50%;transform:translate(-50%,0)}.cards.large
.iacfca{height:200px}[dir="rtl"] .iacfca .iacf_pag{transform:translate(50%,0)}.iacfm.iacfca
.iacf_crsI[data-wptds-carousel]
[data-wptds-carousel-control]{background:var(--bing-smtc-background-ctrl-neutral-rest);border:0;height:56px
;width:16px;transition:width .3s;background
.3s;color:var(--smtc-foreground-ctrl-neutral-primary-hover)}.iacfm.iacfca .iacf_crsI[data-wptds-carousel]
[data-wptds-carousel-control] svg{transition:transform .3s}.iacfm.iacfca .iacf_crsI[data-wptds-carousel]
```

```
[data-wptds-carousel-control]:hover{ width:24px;background:var(--smtc-background-ctrl-neutral-hover)}.iacfm.iacfca .iacf_crsl[data-wptds-carousel] [data-wptds-carousel-control] path{fill:currentColor}.iacfm.iacfca .iacf_crsl[data-wptds-carousel] ol [data-direction="start"]{border-radius:0 8px 8px 0;margin-left:16px}.iacfm.iacfca .iacf_crsl[data-wptds-carousel] ol [data-direction="start"]svg{transform:scale(.7)}.iacfm.iacfca .iacf_crsl[data-wptds-carousel] ol [data-direction="start"]:hoversvg{transform:scale(1)}.iacfm.iacfca .iacf_crsl[data-wptds-carousel] ol [data-direction="end"]{border-radius:8px 0 0 8px;margin-right:16px}.iacfm.iacfca .iacf_crsl[data-wptds-carousel] ol [data-direction="end"]svg{transform:scale(-.7)}.iacfm.iacfca .iacf_crsl[data-wptds-carousel] ol [data-direction="end"]:hoversvg{transform:scale(-1)}.iacfm.iacfca.iacf_fb .iacf_crsl[data-wptds-carousel] [data-wptds-carousel-control],.iacfm.iacfca.iacf_ss .iacf_crsl[data-wptds-carousel] [data-wptds-carousel-control]{background:var(--mai-smtc-background-ctrl-on-image-rest);color:var(--mai-smtc-foreground-ctrl-on-image-rest)}.iacfm.iacfca.iacf_fb .iacf_crsl[data-wptds-carousel] [data-wptds-carousel-control] path,.iacfm.iacfca.iacf_ss .iacf_crsl[data-wptds-carousel] [data-wptds-carousel-control] path{fill:currentColor}.iacfm.iacfca .iacf_colg_crsl [data-wptds-carousel-list]{width:fit-content}.iacfm.iacfca .iacf_colg_crsl .iacfmit{position:absolute}.iacfm.iacfca .iacf_colg_crsl .iacfmit{border-radius:0}.iacfm.iacfca:not(.iacfh):has(>.iacf_colg_crsl){height:100%;width:100%;padding:0;overflow:hidden;border-radius:inherit}.iacfm.iacfca:not(.iacfh):has(>.iacf_colg_crsl) .iacfmit{border-radius:0}.iacfm.iacfca:not(.iacfh):has(>.iacf_colg_crsl) [data-wptds-carousel][data-default] [data-wptds-carousel-controls]{inline-size:calc(100% + var(--wptds-carousel-control-size) - var(--mai-smtc-padding-card-default)*2);transform:translateX(calc(0rem + var(--mai-smtc-padding-card-default) - (var(--wptds-carousel-control-size)/2))) translateY(-50%)}.iacfm.iacfca [data-wptds-carousel][data-default],[data-wptds-carousel][data-default]::before,[data-wptds-carousel][data-default]::after,[data-wptds-carousel][data-default] *,[data-wptds-carousel][data-default] *::before,[data-wptds-carousel][data-default] *::after{box-sizing:border-box;margin:0;padding:0}.iacfm.iacfca [data-wptds-carousel][data-default][hidden],[data-wptds-carousel][data-default] [data-visually-hidden]{block-size:.0625rem;border:0;clip:rect(0 0 0 0);inline-size:.0625rem;margin:-.0625rem;overflow:hidden;padding:0;position:absolute}.iacfm.iacfca [data-wptds-carousel][data-default]{--wptds-carousel-control-bg-color:#fff;--wptds-carousel-control-border-color:#ddd;--wptds-carousel-control-box-shadow:0rem .125rem .1875rem rgba(0,0,0,.1);--wptds-carousel-control-fg-color:#767676;--wptds-carousel-control-size:2rem;display:block;position:relative;block-size:100%}.iacfm.iacfca [data-wptds-carousel][data-default] [data-wptds-carousel-scroll-container]{overflow-x:auto;overflow-y:clip;scroll-behavior:smooth;block-size:100%;-ms-overflow-style:none;scrollbar-width:none}.iacfm.iacfca [data-wptds-carousel][data-default] [data-wptds-carousel-scroll-container]::-webkit-scrollbar{display:none}.iacfm.iacfca [data-wptds-carousel][data-default] [data-wptds-carousel-scroll-container]:focus-visible{outline-color:Highlight;outline-color:-webkit-focus-ring-color;outline-offset:.0625rem;outline-style:auto;outline-width:.0625rem}.iacfm.iacfca [data-wptds-carousel-list]{display:flex;gap:.5rem;list-style:none;block-size:100%}
```

```

default] [data-wptds-carousel-list]>* { flex-grow:0;flex-shrink:0}[data-wptds-carousel][data-default]
[data-wptds-carousel-list]>:not([data-wptds-carousel-item]){ display:none}[data-wptds-carousel][data-default]
[data-wptds-carousel-item]{ block-size:100%}[data-wptds-carousel][data-default]
[data-wptds-carousel-item]>* { block-size:100%}[data-wptds-carousel][data-default]
[data-wptds-carousel-item]>img{ display:block;inline-size:auto}[data-wptds-carousel][data-default]
[data-wptds-carousel-controls]{ list-style:none;position:absolute;inline-size:calc(100% +
var(--wptds-carousel-control-size));inset-block-start:50%;transform:translateX(calc(0rem -
(var(--wptds-carousel-control-size)/2)))
translateY(-50%);display:flex;align-items:center;justify-content:space-between;pointer-events:none}[data-wpt
ds-carousel][data-default]
[data-wptds-carousel-controls]>* { flex-grow:0;flex-shrink:0}[data-wptds-carousel][data-default]
[data-wptds-carousel-control]{ cursor:pointer;inline-size:var(--wptds-carousel-control-size);aspect-ratio:1;displ
ay:grid;place-content:center;border-radius:50%;background-color:var(--wptds-carousel-control-bg-color);bord
er:.0625rem solid
var(--wptds-carousel-control-border-color);box-shadow:var(--wptds-carousel-control-box-shadow);color:var(-
-wptds-carousel-control-fg-color);opacity:var(--wptds-carousel-control-opacity);pointer-events:all}[data-wptd
s-carousel][data-default]
[data-wptds-carousel-control]:active{--wptds-carousel-control-bg-color:#fff;--wptds-carousel-control-border-c
olor:#ddd;--wptds-carousel-control-box-shadow:0rem .125rem .1875rem
rgba(0,0,0,.1);--wptds-carousel-control-fg-color:#767676}[data-wptds-carousel][data-default]
[data-wptds-carousel-control]:focus-visible{ outline-color:Highlight;outline-color:-webkit-focus-ring-color;out
line-offset:.0625rem;outline-style:auto;outline-width:.0625rem}[data-wptds-carousel][data-default]
[data-wptds-carousel-control] * { pointer-events:none}[data-wptds-carousel][data-default]
[data-wptds-carousel-control]>svg{ display:block}[data-wptds-carousel][data-default]
[data-wptds-carousel-control][data-direction="start"]>svg{ transform:scaleX(1)}[data-wptds-carousel][data-de
fault]
[data-wptds-carousel-control][data-direction="end"]>svg{ transform:scaleX(-1)}[data-wptds-carousel][data-de
fault]
[data-wptds-carousel-control][aria-disabled="true"]{ visibility:hidden;cursor:not-allowed}[data-wptds-carousel
][data-default] [data-wptds-carousel-announce]{ block-size:.0625rem;border:0;clip:rect(0 0 0
0);inline-size:.0625rem;margin:-.0625rem;overflow:hidden;padding:0;position:absolute}[data-wptds-carousel]
[data-default][data-variant="Normal"],[data-wptds-carousel][data-default][data-variant="FullWidth"]{--wptds
-carousel-control-opacity:0}[data-wptds-carousel][data-default][data-variant="Normal"]:has([data-wptds-caro
usel-scroll-container]:focus-visible),[data-wptds-carousel][data-default][data-variant="Normal"]:has([data-wpt
ds-carousel-control]:focus-visible),[data-wptds-carousel][data-default][data-variant="FullWidth"]:has([data-w
ptds-carousel-scroll-container]:focus-visible),[data-wptds-carousel][data-default][data-variant="FullWidth"]:h
as([data-wptds-carousel-control]:focus-visible){--wptds-carousel-control-opacity:1}[data-wptds-carousel][dat
a-default][data-variant="Normal"] [data-wptds-carousel-scroll-container]{ scroll-snap-type:x
proximity}[data-wptds-carousel][data-default][data-variant="Normal"] [data-snap]
[data-wptds-carousel-item]{ scroll-snap-align:center;scroll-snap-stop:always}[data-wptds-carousel][data-defau
lt][data-variant="Normal"] [data-snap]

```

```
[data-wptds-carousel-item]:first-of-type{scroll-snap-align:start}[data-wptds-carousel][data-default][data-variant="Normal"][data-snap]
[data-wptds-carousel-item]:last-of-type{scroll-snap-align:end}[data-wptds-carousel][data-default][data-variant="FullWidth"]
[data-wptds-carousel-scroll-container]{scroll-snap-type:x mandatory}[data-wptds-carousel][data-default][data-variant="FullWidth"]
[data-wptds-carousel-item]{inline-size:100%;scroll-snap-align:center;scroll-snap-stop:always}[data-wptds-carousel][data-default][data-variant="FullWidth"]
[data-wptds-carousel-item]:first-of-type{scroll-snap-align:start}[data-wptds-carousel][data-default][data-variant="FullWidth"]
[data-wptds-carousel-item]:last-of-type{scroll-snap-align:end}[data-wptds-carousel][data-default][data-variant="FullWidth"]
[data-wptds-carousel-item]>{*{inline-size:100%}[data-wptds-carousel][data-default][data-bleed-inline]
[data-wptds-carousel-controls]{--control-side-gap:.25rem;inline-size:calc(100% - (var(--control-side-gap)*2));transform:translateX(calc(0rem + var(--control-side-gap))) translateY(-50%)}[data-wptds-carousel][data-desktop]
[data-wptds-carousel-control]:hover:not([aria-disabled="true"]):not(:active){--wptds-carousel-control-bg-color:#fff;--wptds-carousel-control-border-color:#ddd;--wptds-carousel-control-box-shadow:0rem .125rem .3125rem rgba(0,0,0,.14);--wptds-carousel-control-fg-color:#111}[data-wptds-carousel][data-desktop][data-variant="Normal"]:has([data-wptds-carousel-scroll-container]:hover),[data-wptds-carousel][data-desktop][data-variant="Normal"]:has([data-wptds-carousel-control]:hover),[data-wptds-carousel][data-desktop][data-variant="FullWidth"]:has([data-wptds-carousel-scroll-container]:hover),[data-wptds-carousel][data-desktop][data-variant="FullWidth"]:has([data-wptds-carousel-control]:hover){--wptds-carousel-control-opacity:1}[dir="rtl"]
[data-wptds-carousel][data-default][data-wptds-carousel-controls]{transform:translateX(calc(0rem + (var(--wptds-carousel-control-size)/2))) translateY(-50%)}[dir="rtl"]
[data-wptds-carousel][data-default][data-wptds-carousel-control][data-direction="start"]>svg{transform:scaleX(-1)}[dir="rtl"]
[data-wptds-carousel][data-default][data-wptds-carousel-control][data-direction="end"]>svg{transform:scaleX(1)}[dir="rtl"]
[data-wptds-carousel][data-default][data-bleed-inline]
[data-wptds-carousel-controls]{transform:translateX(calc(0rem - var(--control-side-gap))) translateY(-50%)}[data-wptds-carousel][data-default],.b_drk
[data-wptds-carousel][data-default]{--wptds-carousel-control-bg-color:#484644;--wptds-carousel-control-border-color:#545250;--wptds-carousel-control-box-shadow:0rem .125rem .1875rem rgba(0,0,0,.1);--wptds-carousel-control-fg-color:#d2d0ce}.b_dark
[data-wptds-carousel-control]:active,.b_drk
[data-wptds-carousel-control]:active{--wptds-carousel-control-bg-color:#484644;--wptds-carousel-control-border-color:#545250;--wptds-carousel-control-box-shadow:0rem .125rem .1875rem rgba(0,0,0,.1);--wptds-carousel-control-fg-color:#d2d0ce}.b_dark
[data-wptds-carousel-control]:hover:not([aria-disabled="true"]):not(:active),.b_drk
[data-wptds-carousel][data-desktop]
[data-wptds-carousel-control]:hover:not([aria-disabled="true"]):not(:active){--wptds-carousel-control-bg-color
```

# Guatemala City Small and Medium Wind Power Generation System

```
:#605e5c;--wptds-carousel-control-border-color:#545250;--wptds-carousel-control-box-shadow:0rem .125rem .3125rem rgba(0,0,0,.14);--wptds-carousel-control-fg-color:#faf9f8}.gs_card .iacfic .iacfmit .iacfimgc,.gs_card .iacfic .iacfmit .cico,.b_wpt_container .iacfic .iacfmit .iacfimgc,.b_wpt_container .iacfic .iacfmit .cico{ width:100% !important;height:100% !important;border-radius:0}.gs_card .iacfic .iacfmit.iacfstc img,.gs_card .iacfic .iacfmit .iacfimgc img,.b_wpt_container .iacfic .iacfmit.iacfstc img,.b_wpt_container .iacfic .iacfmit .iacfimgc img{ width:100%;height:100%;object-fit:cover }acf-button-standard{ display:block;inline-size:fit-content;max-inline-size:100% }acf-button-standard,acf-button-standard::before,acf-button-standard::after,acf-button-standard::before,acf-button-standard::after{ box-sizing:border-box;margin:0;padding:0 }acf-button-standard[hidden],acf-button-standard[hidden]{ display:none }acf-button-standard[data-visually-hidden],acf-button-standard[data-visually-hidden]{ block-size:1px;inline-size:1px;margin:unset;padding:unset;border:0;clip:rect(0 0 0 0);clip-path:inset(50%);overflow:clip;position:absolute;white-space:nowrap } .acf-button-standard__btn,.acf-button-standard__link{ font:var(--font);color:var(--color)!important;background-color:var(--background-color);border:1px solid var(--border-color);display:grid;grid-auto-flow:column;align-items:center;gap:var(--smtc-gap-inside-ctrl-to-secondary-icon);cursor:pointer;text-decoration:none!important } .acf-button-standard__btn>*,.acf-button-standard__link>*{ min-inline-size:0;max-inline-size:100% } .acf-button-standard__btn[aria-disabled="true"],.acf-button-standard__link[aria-disabled="true"]{ opacity:.3;cursor:not-allowed } .acf-button-standard__btn:focus-visible,.acf-button-standard__link:focus-visible{ outline-width:2px;outline-style:solid;outline-color:var(--smtc-ctrl-focus-outer-stroke);outline-offset:2px } .acf-button-standard__label{ white-space:nowrap;overflow:clip;text-overflow:ellipsis;max-block-size:calc(1*1lh)}acf-button-standard[data-shape="Pill"] .acf-button-standard__btn,acf-button-standard[data-shape="Pill"] .acf-button-standard__link{ border-radius:var(--smtc-corner-circular) }acf-button-standard[data-size="Default"] .acf-button-standard__btn,acf-button-standard[data-size="Default"] .acf-button-standard__link{ padding-block-start:var(--smtc-padding-ctrl-text-top);padding-block-end:var(--smtc-padding-ctrl-text-bottom);padding-inline:var(--smtc-padding-ctrl-horizontal-default) }acf-button-standard[data-style="Secondary"]{--color:var(--bing-smtc-foreground-ctrl-neutral-primary-alt-rest);--background-color:var(--bing-smtc-background-ctrl-neutral-rest);--border-color:transparent }acf-button-standard[data-style="Secondary"] .acf-button-standard__btn:hover:not([aria-disabled="true"]),acf-button-standard[data-style="Secondary"] .acf-button-standard__link:hover:not([aria-disabled="true"]){--color:var(--smtc-foreground-ctrl-neutral-primary-hover);--background-color:var(--smtc-background-ctrl-neutral-hover);--border-color:transparent }acf-button-standard[data-style="Secondary"] .acf-button-standard__btn:active:not([aria-disabled="true"]),acf-button-standard[data-style="Secondary"] .acf-button-standard__link:active:not([aria-disabled="true"]){--color:var(--smtc-foreground-ctrl-neutral-primary-pressed);--background-color:var(--smtc-background-ctrl-neutral-pressed);--border-color:transparent }acf-button-standard[data-weight="Strong"][data-size="Small"],acf-button-standard[data-weight="Strong"][data-size="Default"]{--font:var(--bing-smtc-text-global-caption1-strong) }acf-button-standard[data-weight="Strong"][data-size="Large"]{--font:var(--bing-smtc-text-global-body3-strong) }acf-icon{ display:block;inline-size:fit-content;max-inline-size:100%;pointer-events:none }acf-icon,acf-icon::before,acf-icon::after,acf-icon * ,acf-icon *::before,acf-icon *::after{ box-sizing:border-box;margin:0;padding:0 }acf-icon[hidden],acf-icon
```



# Guatemala City Small and Medium Wind Power Generation System

\*[hidden]{display:none}acf-icon[data-visually-hidden],acf-icon  
\*[data-visually-hidden]{block-size:1px;inline-size:1px;margin:unset;padding:unset;border:0;clip:rect(0 0 0 0);clip-path:inset(50%);overflow:clip;position:absolute;white-space:nowrap}.acf-icon\_\_def{display:none}.acf-icon\_\_icon{display:block;inline-size:auto;color:inherit}[dir="rtl"]  
.acf-icon\_\_icon{transform:scaleX(-1)}@media(forced-colors:active){acf-icon{color:ButtonText!important}}acf-icon[data-size="M"] .acf-icon\_\_icon{block-size:16px}#slideexp1\_A9CAD0 .slide { margin-right: 8px; }#slideexp1\_A9CAD0c .b\_slidebar .slide { border-radius: 6px; }#slideexp1\_A9CAD0 .slide:last-child { margin-right: 1px; }#slideexp1\_A9CAD0c { margin: -4px; } #slideexp1\_A9CAD0c .b\_viewport { padding: 4px 1px 4px 1px; margin: 0 3px; } #slideexp1\_A9CAD0c .b\_slidebar .slide { box-shadow: 0 0 0 1px rgba(0, 0, 0, 0.05); -webkit-box-shadow: 0 0 0 1px rgba(0, 0, 0, 0.05); } #slideexp1\_A9CAD0c .b\_slidebar .slide.see\_more { box-shadow: 0 0 0 0px rgba(0, 0, 0, 0.00); -webkit-box-shadow: 0 0 0 0px rgba(0, 0, 0, 0.00); } #slideexp1\_A9CAD0c .b\_slidebar .slide.see\_more .carousel\_seemore { border: 0px; }#slideexp1\_A9CAD0c .b\_slidebar .slide.see\_more:hover { box-shadow: 0 0 0 0px rgba(0, 0, 0, 0.00); -webkit-box-shadow: 0 0 0 0px rgba(0, 0, 0, 0.00); }Images of Guatemala City Small and Medium Wind Power Generation SystemWind Energy In EcuadorMicro Wind Power GenerationSmall Scale Wind PowerWind Power Plant In The PhilippinesWind Turbines In PhilippinesSmall Scale Wind EnergyWind Power In PhilippinesWind Turbines In The PhilippinesWind Power In The PhilippinesCanales Wind Power, Guatemala | Climate Impact PartnersGuatemala Solar and Wind Energy, Renewable Energy Concept with Solar ...Electric Generators in Guatemala's First Wind Project - Carbon Neutral ...Guatemala renewable energy, wind and solar energy concept with wind ...Canales Wind Power, Guatemala | Climate Impact Partners1.5KW Small Wind Generator for Domestic UseTurbine Generator ElectricityGuatemala wind farm hi-res stock photography and images - AlamyEnergy Generation Through Wind Power Systems - Technical ArticlesCanales Wind Power, Guatemala | Climate Impact PartnersSee allcarbonneutralbritain Electric Generators in Guatemala's First Wind ProjectThis project was executed by a Guatemalan firm, E&#243;lico San Antonio El Sitio, and deploys sixteen 3.45 MW units of wind Turbine Generators for an annual ...

Summary: Guatemala's power sector is undergoing a transformation driven by renewable energy adoption and infrastructure modernization. This article explores the latest developments in ...

This project was executed by a Guatemalan firm, E&#243;lico San Antonio El Sitio, and deploys sixteen 3.45 MW units of wind Turbine Generators for an annual average of 135.655 GWh of green electricity to ...

Indicator Wind power generation | Guatemala Table Chart Output Compare Country Indicator

As of 2020, Guatemala had 4110 MW of installed electrical capacity, based primarily on hydro power (38.38%), fossil fuels (30.36%), and biomass (25.20%). Other renewable sources represented a ...

6Wresearch actively monitors the Guatemala Wind Electric Power Generation Market and publishes its comprehensive annual report, highlighting emerging trends, growth drivers, revenue analysis, and ...

The wind power project consists of installing sixteen wind turbine generators for a total capacity of over 55

# Guatemala City Small and Medium Wind Power Generation System

MW. The site is expected to provide 135,000+ GWh per year to the Guatemalan National ...

2008-2022 regarding power capacities, demand consumption, energy transition for the industry, and environmental concerns. To gain experience in forecasting data, we wrote an individual report for...

Wind Energy: Wind farms, such as the Viento Blanco project, are contributing to Guatemala's renewable energy portfolio. Wind power currently accounts for 3% of the country's electricity generation.

The Global Wind Atlas is a free, web-based application developed to help policymakers, planners, and investors identify high-wind areas for wind power generation virtually anywhere in the world, and then ...

In the department of Jutiapa, Guatemala, a wind farm is to be built with an installed capacity of 67.5 MW through 13 positions with wind turbines with a diameter of 150 meters each.

Web: <https://www.moritz-kenk.eu>

