



The Importance of Energy Storage Backup Power

Energy storage is an enabling technology, which - when paired with energy generated using renewable resources - can save consumers money, improve reliability and resilience, integrate generation sources, and help reduce environmental impacts. Explore energy storage resources

Investment in energy storage is a hot topic, and for good reason. It's not just about having power when we need it; it's about making our energy systems more efficient, reliable, and sustainable. One common myth is that energy storage is all about batteries. Sure, batteries are a big part of it, but the global energy landscape is undergoing a profound transformation, marked by the increasing integration of renewable energy sources such as solar and wind power into the grid. While this transition towards cleaner and more sustainable energy is commendable, it presents significant challenges for building on this progress and to keep the momentum, in , EU countries set the binding target of achieving a share of at least 42.5% renewables in the energy mix by . Harnessing the energy of abundant renewable sources like the wind, the sun and our rivers offers a sustainable and crucial

Benefits of energy storage

Energy storage can provide backup power during disruptions. The same concept that applies to backup power for an individual device (e.g., a smoke alarm that plugs into a home but also has

The top benefits of backup power

Energy Storage Provides Resiliency

Energy Storage Provides Financial Benefits

Energy Storage Helps Integrate Renewables

Energy Storage Provides Additional Grid Benefits

In the energy industry, resiliency is the ability to keep the electricity on even in the event of adverse conditions, such as major storm events or other types of utility outages. And that's exactly what energy storage provides: emergency backup power. When you pair energy storage with a solar panel system, you can keep

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Published: Sep 19, #b_results

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neutral-primary))}#serpvidans.vsacf,#serpvidans.vsacf .expctn .expbody,#serpvidans.vsacf .mmlist
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.mc_vtvc_meta,#serpvidans.vsacf .mmlist .mc_vtvc
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direction:column;justify-content:space-between}#serpvidans.vsacf .mc_cwvc .mc_vtvc
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uto;display:-webkit-box;-webkit-line-clamp:2;-webkit-box-orient:vertical}#serpvidans.vsacf
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.mc_vtvc_meta_row,#serpvidans.vsacf .mmlist .mc_vtvc .mc_vtvc_meta
.mc_vtvc_meta_block_area .mc_vtvc_meta_row,#serpvidans.vsacf .mmlist .mc_vtvc
.mc_vtvc_meta .mc_vtvc_meta_block .mc_vtvc_meta_row{color:var(--smtc-foreground-content-n
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caption1)}#serpvidans.vsacf .mc_cwvc .mc_vtvc .mc_vtvc_meta .mc_vtvc_meta_block_area
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.mc_vtvc_meta .mc_vtvc_meta_block .mc_vtvc_meta_row
.mc_vtvc_meta_row_channel::before,#serpvidans.vsacf .mmlist .mc_vtvc .mc_vtvc_meta
.mc_vtvc_meta_block_area .mc_vtvc_meta_row
.mc_vtvc_meta_row_channel::before,#serpvidans.vsacf .mmlist .mc_vtvc .mc_vtvc_meta
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"}#serpvidans.vsacf .mc_cwvc .mc_vtvc .mc_vtvc_meta .mc_vtvc_meta_block_area
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.mc_vtvc_meta_block .mc_vtvc_meta_pubdate,#serpvidans.vsacf .mmlist .mc_vtvc
.mc_vtvc_meta .mc_vtvc_meta_block_area .mc_vtvc_meta_pubdate,#serpvidans.vsacf .mmlist
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foreground-content-neutral-tertiary);padding-bottom:0}.vsacf .mc_cwvc .mc_vtvc_con_rc,.vsacf
.mmlist .mc_vtvc_con_rc{display:flex}.vsacf .mc_cwvc .mc_vtvc_con_rc
.mc_vtvc_meta_w,.vsacf .mmlist .mc_vtvc_con_rc .mc_vtvc_meta_w{height:auto}.vsacf
.b_title{padding-left:var(--mai-smtc-padding-card-default)}.vsacf .b_title .mmtitle{font:var(--bing-
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smtc-text-global-subtitle1-strong);margin-bottom:0}.vsacf .b_title .mmtitle
a::after{content:"";margin:5px 5px 0 0;border-top:2px solid var(--smtc-foreground-content-neutral-
primary);border-right:2px solid var(--smtc-foreground-content-neutral-primary);background-
size:7px 7px;width:7px;height:7px;transform:rotate(45deg);display:inline-block;margin-
left:4px}#serpvidans.vsaf .b_title .mmtitle{margin-bottom:0}#serpvidans.vsaf .b_title .mmtitle
a{color:var(--smtc-foreground-content-neutral-primary)}#serpvidans.vsaf .mc_cwvc{width:100
%;margin-bottom:var(--smtc-gap-between-content-x-small)}#serpvidans.vsaf .mc_cwvc
.mc_vtvc{box-shadow:none}#serpvidans.vsaf .mc_cwvc .mc_vtvc
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between-content-x-small) var(--mai-smtc-padding-card-default);background:var(--bing-smtc-
background-ctrl-fade-on-image-stop-0)}#serpvidans.vsaf .mc_cwvc .mc_vtvc .mc_vtvc_meta
.mc_vtvc_title{font:var(--bing-smtc-text-global-body1)}#serpvidans.vsaf .cardless.mmlist
.mc_vtvc_con_rc,#serpvidans.vsaf .cardless.mmlist .mc_vtvc_th{height:auto}#serpvidans.vsaf
.vsb_tr_c.va_tt{margin:0}#serpvidans.vsaf .vtbc .mv_vtvc_play,#serpvidans.vsaf .vtbc
.mv_vtvc_play_ext{position:static}#serpvidans.vsaf .va_tt
.mc_vtvc_ban_lo{display:block}#serpvidans.vsaf .mc_bc{width:auto;border-radius:var(--smtc-
ctrl-badge-sm-corner);padding:var(--smtc-padding-ctrl-text-side) var(--smtc-gap-between-content-
xx-small)}#serpvidans.vsaf .rmts .mc_bc ems{display:none}#serpvidans.vsaf
a.vsb_tr_t{color:var(--smtc-foreground-content-neutral-primary)}.vsaf .va_tt .vsb_tr_chd
.mc_vtvc_th_dock.rmoverlay{height:36px}.vsaf .va_tt .vsb_tr_chd .mc_vtvc_th_dock{height:92
px;background:linear-gradient(180deg,var(--bing-smtc-background-ctrl-fade-on-image-stop-0)
0%,var(--mai-smtc-background-ctrl-on-image-rest) 100%)}#serpvidans.vsaf .va_tt a.vsb_tr_t{padding:0
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.mc_vtvc .mc_vtvc_meta,.vsaf .va_tt .vsb_tr_chd .mc_vtvc .mc_vtvc_title{color:var(--mai-smtc-
foreground-ctrl-on-image-rest)}.vsaf span.vcmt_ctt{font:var(--bing-smtc-text-global-
caption2);margin:var(--smtc-gap-between-content-xx-small) 0 0;height:16px}#serpvidans.vsaf
.vsb_tr_chd .mc_vtvc_tot .mc_vtvc_title strong{font-size:14px;line-
height:20px;display:unset}#serpvidans.vsaf .va_tt .b_slgrp .slide:not(:first-child){margin-
left:var(--smtc-gap-between-content-small)}#serpvidans.vsaf .va_tt .vsb_tr_chd .mc_vtvc .mc_vt
vc_title{white-space:normal;display:-webkit-box;-webkit-line-clamp:2;-webkit-box-
orient:vertical}#serpvidans.vsaf .b_module_expansion_control .b_btnContainer .b_CompactExpa
nsion{background-color:var(--bing-smtc-background-ctrl-neutral-rest);display:flex;justify-
content:center;align-items:center;gap:4px;width:fit-content;height:auto;padding:8px
12px}#serpvidans.vsaf .b_module_expansion_control .b_btnContainer .b_CompactExpansion .b_
CompactExpansionBtnText{font:var(--bing-smtc-text-global-caption1-strong);color:var(--bing-
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.b_arrow{display:flex;margin:0;height:auto}#serpvidans.vsaf .b_module_expansion_control
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radius:1px;background:var(--smtc-stroke-ctrl-on-neutral-rest))#b_results .b_ans.b_vidAns{box-
shadow:none;padding:12px 20px 0#b_results .b_ans.b_vidAns
.vasac{padding:unset;margin:0#b_results .b_ans.b_vidAns .vsa .b_attribution{padding-
bottom:0#b_results .b_ans.b_vidAns .cardless .salink{margin:0#b_results .b_ans.b_vidAns
.mmlist .mc_vtvc{margin-top:10px#b_results .b_ans.b_vidAns .mmlist .mc_vtvc
.mc_vtvc_meta{display:flex;flex-direction:column;justify-content:space-between;margin:0 10px
4px 12px#b_results .b_ans.b_vidAns .mmlist .mc_vtvc .mc_vtvc_meta
.mc_vtvc_meta_channel{color:#111#b_results .b_ans.b_vidAns .mmlist .mc_vtvc
.mc_vtvc_meta .mc_vtvc_meta_row_channel,#b_results .b_ans.b_vidAns .mmlist .mc_vtvc
.mc_vtvc_meta .mc_vtvc_meta_block_area{color:#666#b_results .b_ans.b_vidAns .mmlist
.mc_vtvc.mc_vtvc_meta.mc_vtvc_meta_block_area{bottom:0;height:unset}.b_dark .vsa.cardless
.mc_vtvc{background-color:unset}.mmtitle>a{display:block}.mc_fh{height:100%;border-
radius:6px}.mc_tc_bs{overflow:hidden}#mc_cwvc_1762390995162 { width:356px; max-width:
100%; } .mc_vtvc .mc_vtvc_meta { padding: 16px 16px 16px 16px; } .mc_vtvc
.mc_vtvc_meta_w { height: 139px; margin-top: -0px; } .mc_vtvc .mc_vtvc_title { height: 54px;
line-height: 18px; margin-bottom: 18px; margin-top: 0px; } .mc_vtvc .mc_vtvc_meta_block_area
{ height: 35px; } .mc_vtvc .vtmu, .mc_vtvc .vtpl { bottom: 147px; } .mc_vtvc_th_dock { height:
139px; } .mc_vtvc_th .cico { height: 200px; } .mc_vtvc{background-color:#fff;box-shadow:0 0 0
1px rgba(0,0,0,.05);line-height:0;margin:0;position:relative;border-radius:6px;overflow:hidden}.m
c_vtvc.noshadow{box-shadow:none}.mc_vtvc_con_rc{border-radius:6px;overflow:hidden;positio
n:relative}.mc_vtvc>a{color:#71777d;display:block;text-
decoration:none;width:100%}.mc_vtvc>a:focus::after{outline:2px solid #00a89d;width:100%;hei
ght:100%;content:"";outline-offset:-2px;position:absolute;top:0;left:0}.mc_vtvc_th{background-
color:#d5d5d5;position:relative}.mc_vtvc_th .cico{border-radius:0}.mc_vtvc_ban_lo,.mc_vtvc_ba
n_up{position:absolute;vertical-align:middle}.mc_vtvc_ban_lo{bottom:0}.mc_vtvc_ban_up{top:0
}.mc_vtvc_title{font-weight:normal;margin-
bottom:11px;overflow:hidden;color:#111;height:54px;line-height:18px}.mc_vtvc_title
a{display:inline-block;color:#111}.mc_vtvc_title a:hover{text-decoration:underline}.mc_vtvc_src
_ico{float:left;margin-right:4px}.mc_vtvc_act{height:16px;margin-top:-40px;padding:12px 8px;z-
-index:1}.mc_vtvc_actc{right:16px;bottom:16px;position:absolute;display:inline-block;z-
index:1}.mc_vtvc_act_sep{border-top:1px solid #d5d5d5;height:40px;margin:0 8px}.mc_vtvc_fh
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ottom:8px}.mc_vtvc_htc{width:100%;height:100%;position:absolute;top:0;bottom:0;left:0;right:0
}.mc_vtvc_htb{width:100%;height:100%;background:rgba(0,0,0,.7);position:absolute;top:0;botto
m:0;left:0;right:0}.mc_vtvc_ht{width:100%;padding:0 16px;line-height:16px;color:#fff;text-decor
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ation:underline;word-break:break-word;box-sizing:border-box;vertical-align:middle;text-align:center}.mc_vtvc_th_live_b{background-color:#c80000;color:#fff;display:inline-block;padding:2px 8px;font:11px/14px Arial;border-radius:2px;text-transform:uppercase;height:15px;width:26px;position:absolute;left:8px;top:110px}.isvctrl .isv .mc_vtvc_ban_up{left:0;right:initial}.mc_vtvc_ban_lo,.mc_vtvc_ban_up{right:0}.vt_text.b_lRight .b_lLeft{margin:0 0 0 1px;height:14px;line-height:14px;padding:2px 8px;background:rgba(0,0,0,.75);border-radius:2px;font-weight:bold}.mc_vthtb{width:100%;height:100%;background:rgba(0,0,0,.7);position:absolute;top:0;bottom:0;left:0;right:0;display:table}.mc_vtht{width:100%;padding:0 16px;line-height:16px;color:#fff;text-decoration:underline;word-break:break-word;box-sizing:border-box;vertical-align:middle;text-align:center;display:table-cell}.vt_text.b_lRight .b_lLeft{margin:0 0 0 1px;height:14px;line-height:14px;padding:2px 8px;background:rgba(0,0,0,.75);border-radius:2px;font-weight:bold}.emptyStyleForDebuggingPurpose{top:0}.emptyStyleForDebuggingPurpose{top:0}.mc_vtvc_center_play{width:32px;height:32px;background-size:contain;position:absolute;margin:auto;bottom:0;top:0;left:0;right:0;box-shadow:none;border-radius:0}.mc_vtvc_center_play.rmvbg{width:32px;height:32px;background-image:none}.mc_vtvc_htb,.mc_vtvc_ht{display:none}.vt_onhv .mc_vtvc_htb{display:table}.vt_onhv .mc_vtvc_ht{display:table-cell}.mc_vtvc_center_play{display:inline-block}.vt_onhv .mc_vtvc_center_play{display:none}.mc_vtvc .vtmu,.mc_vtvc .vtpl{bottom:163px}.vsarf .mc_vtvc .vtmu,.vsarf .mc_vtvc .vtpl{bottom:122px}.svarh #mmcar .mc_vtvc .vtmu,.svarh #mmcar .mc_vtvc .vtpl{bottom:137px}.svarht #mmcar .mc_vtvc .vtmu,.svarht #mmcar .mc_vtvc .vtpl{top:8px;left:8px}.mc_vtvc_center_play{background-image:url(data:image/svg+xml,%3Csvg%20width%3D%22%20height%3D%22%20viewBox%3D%220%200%22%20fill%3D%22none%22%20xmlns%3D%22http%3A%2F%2F.w3%20%2F2000%2Fsvg%22%3E%0D%0A%20%20%20%20%3Crect%20width%3D%22%20height%3D%22%20rx%3D%22%20fill%3D%22black%22%20fill-opacity%3D%220.6%22%2F%3E%0D%0A%20%20%20%20%3Cpath%20d%3D%22M14.%.1923C13.%.209.62986%.%.%.4997V20.5C12%.%.%.%.8073L22.%.3073C23.%.%.%.%.6926L14.%.1923Z%22%20fill%3D%22white%22%20fill-opacity%3D%220.9%22%2F%3E%0D%0A%3C%2Fsvg%3E%3E)}.mc_vtvc_meta{box-sizing:border-box;display:inline-block;line-height:18px;position:relative;width:100%}.mc_vtvc_meta_block{bottom:0;position:absolute;width:100%}.mc_vtvc_meta_row{line-height:16px;font-size:11px;height:17px;overflow:hidden;text-overflow:ellipsis;white-space:nowrap}.mc_vtvc_meta_row a{display:inline-block}.mc_vtvc_meta_row a:hover{text-decoration:underline}.mc_vtvc_meta_block_area{position:relative}.mc_vtvc_meta_block,.mc_vtvc_meta_block a{color:#444}.b_dark .mc_vtvc_meta_block{color:#edebe9}.mc_vtvc_meta_row>:nth-of-type(n+2)::before{content:">"}.mc_vtvc_meta_row .mc_vtvc_meta_row_channel::before{content:">"}.mc_vtvc_kmt_title{line-height:18px;padding-bottom:4px;font-weight:bold;color:#00809d;text-transform:uppercase;font-size:11px}.mc_vtvc_kmt,.mc_vtvc_con_rc.onhov .wkmt



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.mc_vtvc_meta_row,.mc_vtvc_con_rc.onhov .wkmt .tbc_tt{display:none}.mc_vtvc_con_rc.onhov
.wkmt .mc_vtvc_title{max-height:18px;margin-
bottom:18px;overflow:hidden}.mc_vtvc_con_rc.onhov.mmsts
.mc_vtvc_title{visibility:hidden}.mc_vtvc_con_rc.onhov
.mc_vtvc_kmt{display:block}.mc_vtvc_kmt_content .b_factrow{line-height:17px;font-
size:11px;max-height:34px;overflow:hidden;text-overflow:ellipsis;padding:0 16px 0
0;color:#444}.mc_vtvc_meta .mc_vtvc_kmt_title{line-height:18px}.mc_vtvc_title:hover{text-dec
oration:none}.mc_vtvc_meta_pubdate{color:#444;padding-bottom:3px}.mc_vtvc_meta_channel{
color:#444}.mc_vtvc_meta_w,.mc_vplvc_meta_w{position:relative}.mc_vtvc_meta_bg_w,.mc_v
plvc_meta_bg_w{height:100%;width:100%;overflow:hidden;position:absolute;top:0}.mc_vtvc_m
eta_bg_w .cico,.mc_vplvc_meta_bg_w .cico{border-radius:0;overflow:visible}.dg_u
.mm_vidch_th_c{overflow:visible}.dg_u .mm_vidch_th_bg img{margin-
top:-20px}.emptyStyleForDebuggingPurpose{top:0}.mc_vtvc_meta_w
.mc_vtvc_meta{background:rgba(255,255,255,.75)}.mc_vtvc_meta_bg_w
img,.mc_vtvc_meta_bg_w .mc_vtvc_cb_w{filter:blur(25px);transform:scale(1.2)}body{--video-
metadata-channel-color:#3c3c3c}body.b_dark{--video-metadata-channel-color:unset}.vsarf
.mc_vtvc_meta_pubdate{color:unset}.vsarf .mc_vtvc_meta_channel{color:var(--video-metadata-
channel-color)}.vsarf .mc_vtvc .mc_vtvc_meta_w .mc_vtvc_title,.vsarf .mc_vtvc
.mc_vtvc_meta_w .mc_vtvc_title strong{font-weight:bold}.vsarf .mc_vtvc_meta_w
.mc_vtvc_meta_row{font-size:13px}.emptyStyleForDebuggingPurpose{top:0}.vsarf .mc_vtvc_th
.cico{height:132px}.emptyStyleForDebuggingPurpose{top:0}.emptyStyleForDebuggingPurpose{t
op:0}.emptyStyleForDebuggingPurpose{top:0}.emptyStyleForDebuggingPurpose{top:0}.emptySt
yleForDebuggingPurpose{top:0}.emptyStyleForDebuggingPurpose{top:0}.emptyStyleForDebugg
ingPurpose{top:0}.vtbc .mv_vtvc_play{display:inline-
block;position:absolute;bottom:8px;left:9px;height:8px;width:7px}.vtbc
.mv_vtvc_play_ext{background:url(/rp/Lp38sn_O4jegSK0IHxZVxyp-yKQ.png) -172px
-31px;display:inline-block;height:8px;width:12px;position:absolute;bottom:8px;left:6px}.vtbc
.pivot{height:20px;width:8px;min-width:8px}.vtbc .mv_vtvc_play{background:url(
X//////////9/gMdvAAACnRSTIMAETNEVWwImbvuo4D1oAAAAB9JRE
FUCB1jmMoABKuaQcSqQhCxKgFGgLnNQIkpQAwA8zkLyQA16F0AAAAASUVORK5CYII=
)}.mc_bc_w{height:18px;padding:8px;text-align:right}.mc_bc{background-
color:rgba(0,0,0,.75);padding:2px 8px;line-height:14px;color:#fff;display:inline-block;vertical-
align:middle;border-radius:2px;font-weight:bold}.mc_bc_w .pivot{text-align:center;margin-
right:1px;height:14px}.vsarr .mmgrid .mc_bc_w .mc_bc{background-color:rgba(0,0,0,.75);opacit
y:1}.mmsi{height:16px;width:16px;position:relative;top:5px;padding-right:var(--smtc-gap-
between-content-xx-small)}.vrhdata{display:none}.vrhc line.nhvpv .pffvi,.vrhc line.nhvpv[data-
tps="M"] .pffvt,.vrhc line.nhvpv[data-tps="L"] .pffvt{display:inline-flex}.vrhc line.nhvpv
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.vrhtc.pffv .vrhol{display:none}.vrhc line.nhvpv .vrhtc.pffv .player_ol{background:var(--mai-smtc-  
background-ctrl-on-image-hover);transition:background-color .5s;display:flex;align-items:center;ju  
ustify-content:center;padding:var(--smtc-gap-between-content-x-small);gap:var(--smtc-gap-  
between-content-x-small);box-sizing:border-box}.mc_vtvc_th img{transition:all .3s ease-  
out}.nhvpv+.mc_vtvc_th img{transform:scale(1.1)}.smtplayerhtml5{height:100%;width:100%;ov  
erflow:hidden}.smtplayerhtml5 video{min-height:100%;min-width:100%}.smtplayerhtml5 .video  
playing{background-color:#000}.smtplayerhtml5.hide{display:none}.pffvt{display:none;color:var  
(--mai-smtc-foreground-ctrl-on-image-rest);font:var(--bing-smtc-text-global-  
subtitle2-strong)}.pffvi{mask:url(/rp/ui07wU6K7FR_inzG7DRbP1i8fGo.svg) center no-repeat;ma  
sk-size:12px;background:var(--bing-smtc-background-card-on-image-  
default);width:20px;height:20px;flex-shrink:0;align-self:flex-start}[data-tps="L"]  
.pffvt{font:var(--bing-smtc-text-global-subtitle2-strong)}[data-tps="L"]  
.pffvi{width:22px;height:22px;mask-size:16px}[data-tps="S"] .pffvt{font-size:0}[data-tps="S"]  
.pffvi{width:24px;height:24px;mask-size:24px;align-self:center}.hvpv.h5s .pffvt{display:inline-  
flex}.hvpv.h5s .vrhtc.pffv .vrhol{display:none}.hvpv.h5s .vrhtc.pffv .player_ol{background:var(--  
mai-smtc-background-ctrl-on-image-hover);transition:background-color .5s;display:flex;align-ite  
ms:center;justify-content:center;padding:var(--smtc-gap-between-content-x-small);gap:var(--smtc-  
gap-between-content-x-small);box-sizing:border-box}.pffvt{text-decoration:underline}.vrhcp .vrh  
ol{position:absolute;width:100%;height:35px;max-  
height:35px;bottom:0;left:0;padding:0;background:none;display:block;z-index:9}.vrhcp  
.vrhol.hide,.vrhcp .vrhol .hide{display:none}.vrhot{white-space:nowrap;text-overflow:ellipsis;ove  
rflow:hidden;display:inline-block;position:absolute;max-width:240px;height:18px;line-  
height:14px;margin-left:8px;top:10px;left:0;right:0;border-radius:2px;padding-right:8px}.vrhot  
div{display:inline-block}.vrhot nt{color:#fff;font-size:11px;font-weight:bold;background-  
color:rgba(0,0,0,.75);padding:2px 8px;margin-left:0;top:0;box-sizing:border-  
box;position:relative}.vrhc .ricons{position:absolute;right:8px;top:10px;left:auto;bottom:auto;heig  
ht:18px;display:inline-block;cursor:pointer}.vrhol.icons_1 .vrhot{margin-  
right:27px}.vrhol.icons_2 .vrhot{margin-right:49px}.vrhol.icons_3 .vrhot{margin-  
right:79px}.vrhol .vrhot nt,.vsb_tr_chd .vrhol.icons_1 .vrhot{margin-  
right:0}.vpb{position:absolute;display:block;bottom:0;left:0;height:4px}.vpb  
div{position:absolute}.vpb nt{width:0;background:#fff}.vpb  
nt.test{display:none}.vpb.back{background-color:#999}.vrhcp .vrhol.npb{height:36px;max-  
height:36px}.vrhol .vadda{width:22px;height:18px;padding:0;margin-right:0;margin-left:2px;bott  
om:0;position:relative;display:inline-block;z-index:1;background:rgba(0,0,0,.75);border-  
radius:2px;overflow:hidden}.vrhol .vadda.hide{display:none}.vrhol .vadda .mc_vfaa{margin:3px  
5px}.ricons .vol{float:left}.ricons .adultFlag{float:right}.vol{width:22px;height:18px;bottom:0;m  
argin-left:1px;margin-right:1px;position:relative;display:inline-block}.vol.hide,.vol  
.hide{display:none}.vol .bg{background:rgba(0,0,0,.75);border-radius:2px}.vol.bg,.vol
```



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```
nt{position:absolute;bottom:0}.vol .vol.bg.volnb{border-radius:0 0 2px 2px}.vol
.volsliderHandle.bg{border-radius:2px 2px 0 0}.vol nt .volsliderHandle{height:70px;display:none;
width:22px;float:left;bottom:18px;position:absolute;display:block}.vol nt
.volsliderHandle.hide{display:none}.volsliderHandle .vsb{height:54px;width:4px;background-
color:#999;margin:9px auto 8px;position:relative;display:block;border-
radius:2px}.volsliderHandle .vsh{height:6px;width:14px;padding:9px 7px 9px 7px;margin:0
-12px;display:block;position:absolute;top:30px}.volsliderHandle
.vsh.hide{display:none}.volsliderHandle .vshi{height:4px;width:14px;background-
color:#fff;border-radius:2px}.volMuteIcon{width:16px;height:14px;margin:2px 4px;float:left}.vol
MuteHandle{width:22px;height:18px}.vo{background:url(/rp/fFZxBXEIP9WYOO0jhTaElyLhE
VU.svg) no-repeat}.vm{background:url(/rp/fsX-ZVd03wB2TL0vmQJxSp4U9vs.svg) no-
repeat}.vl{background:url(/rp/YXYMPC1Rry_XJGc7Yg8lR4B2eEs.svg) no-
repeat}.vf{background:url(/rp/NosrlR4amKTs1zYxWy3laZN3HRk.svg) no-
repeat}@media(forced-colors:active){.vol{forced-color-adjust:none}}.vrhc
.vt_vp,.vrhc.popout .vt_vp,.vrhc.mousefollow
.vt_vp{position:absolute;bottom:0;border:hidden;padding:0;top:0;left:0;z-index:3}.vrhtc
.hide{display:none}.vrh_clc .vt_vp,.vrh_clc .vrhtc .vrhi,.vrh_clc
.player_ol{cursor:pointer}.vrh_clc .cico{border-
radius:0}.vrhtc{border:hidden;top:0;left:0;padding:0}.vrhc.mousefollow .vrhtc,.vrhc.popout
.vrhtc{background-color:#999}.vrhtpc.load
.player_ol{background:url(/rp/J_o2maogFDeUOsovPJL-ofEuxJ4.gif) center center no-
repeat}.vrhc line .vrhtc .vrhi,.vrhc.popout .vrhtc .vrhi,.vrhc.mousefollow .vrhtc .vrhi{position:abso-
lute!important;border:hidden;z-index:2;padding:0;left:0;top:0}.player_ol{position:absolute;width:
100%;height:100%;bottom:0;border:hidden;z-index:7}.vrhc.popout,.vrhc line,.vrhc.mousefollow{
border-radius:6px;overflow:hidden;display:table-row-
group;background:none}.vrhc.popout,.vrhc.mousefollow{z-index:4;box-shadow:0 4px 4px
rgba(0,0,0,.1),0 2px 80px rgba(0,0,0,.2)}.vrhc line{z-index:1;margin:0}.vrhc.popout,.vrhc
line{position:absolute;top:0}.vrhc.popout{border:1px solid #fff}.vrhc.mousefollow{position:fixed
}.vrhcp{position:relative;top:0;left:0;display:table-row}.vrhcp
.vrhtc{position:relative;overflow:hidden}.vrhc.hide{display:none}@keyframes
vh_fadein{from{opacity:0}to{opacity:1}}.vrhc:not(.hide){animation:vh_fadein 250ms}.vrhc line
img{color:transparent}.vrhc line.fullsize{height:100%}.vrhc,.vrhc: hover,.vrhc: link,.vrhc: active,.vr
hc: visited{color:#000;text-decoration:none}.vrhc.vrh_clc{cursor:pointer}a.hover-anchor{display:
block;height:100%;width:100%;text-decoration:none}.vrhstat{height:0;overflow:hidden}.mmlist
.mc_vtvc .mc_vtvc_meta { padding: 12px 16px 16px 16px; } .mmlist .mc_vtvc .mc_vtvc_meta_w
{ height: 112px; margin-top: -0px; } .mmlist .mc_vtvc .mc_vtvc_title { height: 44px; line-height:
22px; margin-bottom: 0px; margin-top: 0px; } .mmlist .mc_vtvc .mc_vtvc_meta_block_area {
height: 40px; } .mmlist .mc_vtvc .vtmu, .mmlist .mc_vtvc .vtpl { bottom: 120px; } .mmlist
```




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```
.mc_vtvc_th_dock { height: 112px; } .mmlist .mc_vtvc_th .cico { height: 131px; } .mmlist
.mc_vtvc{margin:10px 1px 0}.mmlist .mc_vtvc_con_rc{display:flex}.cardless .mmlist
.mc_vtvc_con_rc{height:112px}.mmlist .mc_vtvc .mc_vtvc_meta{display:flex;flex-
direction:column;justify-content:space-between;margin:0 10px 4px 12px;padding:0}.mmlist .mc_
vtvc_title{font-weight:400;font-size:16px;height:44px;line-height:22px;margin-bottom:0;margin-
top:0;color:unset}.mmlist .mc_vtvc_meta_row{font-size:13px}.mmlist .mc_vtvc
.mc_vtvc_meta_block_area{height:unset}.mmlist .mc_vtvc .vtmu,.mmlist .mc_vtvc
.vtpl{bottom:8px}.cardless .mmlist .mc_vtvc{box-shadow:none}.cardless.mmlist
.mc_vtvc_center_play{width:32px;height:32px}.cardless.mmlist .mc_vtvc_title{font-
size:16px;color:unset}.cardless.mmlist .mc_vtvc_meta_row{line-height:20px}.cardless.mmlist
.mc_vtvc_meta_pubdate{padding-bottom:2px;color:#666}.cardless.mmlist
.mc_vtvc_th,.cardless.mmlist .mc_vtvc_th .cico,.cardless.mmlist .mc_vtvc_th div.rms_img{border-
radius:6px}.cardless.mmlist .mc_vtvc_th{height:111px}.cardless.mmlist .mc_vtvc_htc{border-
radius:6px;overflow:hidden}#serpvidans.vasac.cardless{box-shadow:none}.cardless.mmlist
.mc_bc{padding:2px 8px;line-height:14px;border-radius:2px;font-weight:normal}.mc_vtvc: hover
.mc_vtvc_title{text-decoration:underline}.mmgrid>div{width:197px;display:inline-block;margin-
right:8px;margin-bottom:8px;box-shadow:0 0 0 1px rgba(0,0,0,.05);position:relative;vertical-
align:top;overflow:hidden;white-space:normal;border-radius:6px}.vsarr .mmgrid>div,.vsarr1stbig
.mmgrid>div{margin-right:8px;margin-bottom:8px}#serpvidansrr .mc_vtvc
.mc_vtvc_meta{height:auto}#serpvidansrr .mc_vtvc .mc_vtvc_title{display:-webkit-box;-webkit-
line-clamp:2;-webkit-box-orient:vertical}.mmgrid .mc_tc{border:0}.vsa .mmgrid>div:nth-
child(3n){margin-right:0}.vsa .b_moreLink{padding-top:4px}#serpvidansrr
.mc_vtvc_meta_row{line-height:18px;font-size:100%;height:17px}.vsarr .mmgrid>div:nth-
child(2n){margin-right:0}#serpvidansrr .mc_vtvc .vtmu,#serpvidansrr .mc_vtvc
.vtpl{bottom:128px}.vsarr1stbig .mmgrid>div:nth-child(2){margin-right:0}#serpvidansrr.uipolish
.mc_vtvc_meta_pubdate,#serpvidansrr.uipolish .mc_vtvc_meta_channel,#serpvidansrr.uipolish
#vidans2 .b_videocard .video_metadata .video_source{color:#767676}#serpvidansrr #vidans2
.b_videocard .video_metadata_container,#serpvidansrr #vidans2 .b_videocard
.video_metadata_container .video_metadata>h3{width:100%}@media(max-
width:.9px){#serpvidansrr .mmgrid>div{width:168px;height:206px}#serpvidansrr .mmgrid>div
.cico,#serpvidansrr .mmgrid>div .cico .rms_img{width:168px;height:100px}#serpvidansrr
.mc_vtvc .mc_vtvc_meta{padding:12px}#serpvidansrr .mc_vtvc .mc_vtvc_title{height:32px;line-
height:16px;margin-bottom:16px}#serpvidansrr .mc_vtvc
.mc_vtvc_meta_block_area{height:34px}#serpvidansrr.mc_vtvc_meta_row{line-height:15px;font-
size:13px,height:15px}#serpvidansrr .mc_vtvc_meta_pubdate{padding-bottom:4px}#serpvidansrr
.mc_vtvc .vtmu,#serpvidansrr .mc_vtvc .vtpl{bottom:114px}#serpvidansrr #vidans2 .b_videocard
.videoPlayer,#serpvidansrr #vidans2 .b_videocard .videoPlayer .cico,#serpvidansrr #vidans2
.b_videocard .videoPlayer .cico .rms_img{width:343px!important;height:194px!important;margin-
```



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```
right:0}}@media(max-width:.9px){#serpvidansrr
.mmgrid>div{width:124px;height:164px}#serpvidansrr .mmgrid>div .cico,#serpvidansrr
.mmgrid>div .cico .rms_img{width:124px;height:76px}#serpvidansrr .mc_vtvc
.mc_vtvc_meta{padding:8px}#serpvidansrr .mc_vtvc .mc_vtvc_title{height:32px;line-
height:16px;margin-bottom:12px}#serpvidansrr .mc_vtvc
.mc_vtvc_meta_block_area{height:28px}#serpvidansrr.mc_vtvc_meta_row{line-height:13px;font-
size:11px;height:13px}#serpvidansrr .mc_vtvc_meta_pubdate{padding-bottom:2px}#serpvidansrr
.mc_vtvc .vtmu,#serpvidansrr .mc_vtvc .vtpl{bottom:96px}#serpvidansrr #vidans2 .b_videocard
.videoPlayer,#serpvidansrr #vidans2 .b_videocard .videoPlayer .cico,#serpvidansrr #vidans2
.b_videocard .videoPlayer .cico .rms_img{width:256px!important;height:144px!important;margin-
right:0}#serpvidansrr .maskthumb .mc_bc_w{padding:8px 4px 4px
8px}}#serpvidansrr.withsplitline .mmgrid>div:nth-last-child(1),#serpvidansrr.withsplitline
.mmgrid>div:nth-last-child(2){margin-bottom:24px}#serpvidansrr.withsplitline .mmgrid{border-
bottom:1px solid #ecec; margin-bottom:16px}#serpvidansrr #vidans2 .b_videocard
.video_metadata{max-width:auto;padding:12px 16px}#serpvidansrr #vidans2
.b_videocard{margin-bottom:12px;box-shadow:0 0 1px rgba(0,0,0,.05),0 2px 3px
rgba(0,0,0,.1);border-radius:6px}#serpvidansrr .b_rich{padding-top:0}#serpvidansrr #vidans2
.videoPlayer{border-radius:6px 6px 0 0;overflow:hidden}#serpvidansrr #vidans2 .b_videocard .vi
deo_metadata>h3{white-space:nowrap;overflow:hidden;text-overflow:ellipsis;-webkit-line-clamp:
1;line-height:15px;height:15px;font-size:13px;color:#000;margin-bottom:20px;font-
family:"Arial",Helvetica,Sans-Serif;font-style:normal;display:block}#serpvidansrr.vsarr1stbig
#vidans2 .b_videocard .video_metadata .actionmenu{display:none}#serpvidansrr #vidans2
.b_videocard .video_summary,#serpvidansrr #vidans2 .b_videocard .video_source{line-
height:15px}#serpvidansrr #vidans2 .b_videocard .videoPlayer .vtbc{right:0}.vsb_tr_c{position:re
lative;width:100%;overflow:hidden;background:#1d1b28;height:583px;margin-
bottom:16px}.vsb_tr_c.tr_nh{height:294px}.vsb_tr_c .mm_vrc h2,.vsb_tr_c .mm_vrc
.see_more{display:none}.vsb_tr_c .mm_vrc>div{padding-bottom:20px}.vsb_tr_c
.vsb_tr_t{position:absolute;top:16px;left:160px;font:normal 16px/19px "Arial",Helvetica,Sans-
Serif;font-weight:700;color:#fff;z-index:1}.vsb_tr_c
.vsb_tr_t::after{width:17px;height:12px;display:inline-block;background-size:7px
12px;background-repeat:no-repeat;background-position-x:right;opacity:.7;content:""}.vsb_tr_c
.vsb_tr_t:hover::after{opacity:1}.vsb_tr_c .mm_vrc .mc_vtvc{background-color:#585858;border-
radius:6px}.vsb_tr_c .mm_vrc .mc_vtvc_con_rc{border-radius:6px}.vsb_tr_c
.vsb_tr_chd{position:absolute;bottom:0;width:100%}.vsb_tr_c .onhov
.mc_vtvc_ban_lo{display:none}.vsb_tr_chd .mc_vtvc_tot .mc_vtvc_title{line-
height:15px}.vsb_tr_chd .mc_vtvc_tot .mc_vtvc_meta_row,.vsb_tr_chd .mc_vtvc_tot
.mc_vtvc_meta_row a{color:#dadada}.vsb_tr_chd .grad_b{top:30%;height:auto}.vsb_tr_chd
.mc_vtvc_tot .mc_vtvc_meta_row{font-size:12px;line-height:16px;height:16px}.vsb_tr_chd
```



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```
.mc_vtvc_tot .meta_pd_content{display:none}.vsb_tr_chd .mc_vtvc_tot .mc_vtvc_title
strong{font-weight:500}.vsb_tr_c .slide video{object-fit:cover}.vsb_tr_c .mc_vtvc_th
.cico{width:100%;height:100%}.vsb_tr_c .vrhcac{width:647px;position:absolute;width:calc(42%
- 160px);bottom:200px;margin:0 0 0 160px;height:auto;padding:0;pointer-events:auto}.vsb_tr_c
.vrhcac .mc_vtvc_title{font:normal 30px/35px "Arial",Helvetica,Sans-Serif;font-weight:700;heigh
t:70px;overflow:hidden;color:#fff;text-overflow:ellipsis;display:-webkit-box;-webkit-box-
orient:vertical;-webkit-line-clamp:2}.vsb_tr_c .vrhcac
.mc_vtvc_meta_block_area{height:50px;margin:12px 0 0 0}.vsb_tr_c .vrhcac
.mc_vtvc_meta_row{font:normal 13px/15px "Arial",Helvetica,Sans-Serif;margin:5px 0 5px
0;color:#dadada}.vsb_tr_c .mm_vrc .b_overlay .btn.bigrounded .cr>div,.vsb_tr_c .mm_vrc
.b_overlay .btn.bigrounded .cr>div: hover{background-
image:url(/rp/qA6EopzJjTm5qQJvnXlrWGNP778.svg)}.vsb_tr_c .vsb_tr_t::after{background-ima
ge:url(data:image/svg+xml,%3Csvg%20width%3D%227%22%20height%3D%22%20viewBox
%3D%220%200%207%22%20fill%3D%22none%22%20xmlns%3D%22http%3A%2F%2F.w3
%2F2000%2Fsvg%22%3E%0D%0A%20%20%20%20%3Cpath%20d%3D%22M0.186925%201
.19491L5.%207L0.186925%.8051C-0.0623082%.%20-0.0623082%.%200.186925%.7944C0.436
158%.%200.838112%.%201.08628%.7944L6.81334%207.49465C6.93212%207.36515%207%20
7.18433%207%207C7%206.81567%206.93212%206.63485%206.81334%206.50535L1.08628%
200.205616C0.837052%20-0.0685388%200.435097%20-0.0685388%200.186925%200.205616C
-0.0612477%200.479772%20-0.0623082%200.92192%200.186925%201.19491Z%22%20fill%3
D%22white%22%20fill-opacity%3D%220.7%22%2F%3E%0D%0A%3C%2Fsvg%3E)}.va_tt
.mm_vrc{padding:11px 2px 0 0}.va_tt .vsb_tr_t{position:relative;top:auto;left:auto;font:normal
18px/22px "Arial",Helvetica,Sans-Serif;font-weight:400;color:#4007a2;z-index:auto}.b_dark
.va_tt .vsb_tr_t{color:#82c7ff}.va_tt .vsb_tr_tp,.va_tt .vsb_tr_tl{display:inline-block;margin-
right:5px}.va_tt .vsb_tr_chd{position:relative}.vsb_tr_c.va_tt{--va-st-padding-bottom:16px;height
:auto;background-color:transparent;margin-top:22px;overflow:visible;padding-bottom:var(--va-st-
padding-bottom);margin-bottom:0}.va_tt .mc_vtvc_ban_lo,.va_tt .vsb_tr_t::after,.va_tt
.mc_vtvc: hover .mc_vtvc_center_play,.va_tt .vsb_tr_chd .vt_onhv .mc_vtvc
.mc_vtvc_meta{display:none}.va_tt .mc_vtvc: hover .mc_vtvc_ht,.va_tt .mc_vtvc: hover
.mc_vtvc_htb{display:table-cell}.va_tt .mc_vtvc_htb{padding-top:50px;background:linear-
gradient(360deg,rgba(0,0,0,.6) 60.35%,rgba(0,0,0,0) 100%);font-size:11px;line-height:13px}.va_tt
.mc_vtvc_ht{padding:0 24px;text-shadow:0 1px 2px rgba(0,0,0,.2)}.va_tt
.mc_vtvc_center_play{bottom:52px}.va_tt .mc_vtvc: hover .mc_vtvc_title{max-height:52px;white-
space:normal;display:-webkit-box;-webkit-box-orient:vertical;-webkit-line-clamp:4}#serpvidans
.va_tt .slide{margin-right:0;vertical-align:bottom;transition:width .2s,height .2s}#serpvidans .va_tt
.slide:not(:first-child){margin-left:8px}#serpvidans .va_tt .mm_vrc>div{padding-bottom:0}.va_tt
.vsb_tr_chd .mc_vtvc .mc_vtvc_meta{height:auto;padding:8px;color:#ddd}.va_tt .vsb_tr_chd .mc
_vtvc_th_dock{height:72px;position:absolute;bottom:0;background:linear-
```



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gradient(360deg,rgba(0,0,0,.55) 60.35%,rgba(0,0,0,0) 100%)).va_tt .mc_vtvc_meta_row_channel {font-size:13px;line-height:15px;font-weight:500;color:#fff;white-space:nowrap;overflow:hidden;text-overflow:ellipsis;margin-bottom:6px}.va_tt .vsb_tr_chd .mc_vtvc .mc_vtvc_title{height:auto;font-size:11px;line-height:13px;color:#ddd;white-space:nowrap;overflow:hidden;text-overflow:ellipsis}.va_tt .slide .mc_vtvc{width:100%}.va_tt .slide video{object-fit:cover}.va_tt .mc_vtvc_th .cico{width:100%;height:204px}.va_tt .b_overlay .btn.bigrounded{top:auto;bottom:0;margin-bottom:93px}.va_tt .vt_onhv .mc_vtvc_htb{padding-top:86px}.va_tt .vsb_tr_chd .mc_vtvc .vtmu,.va_tt .vsb_tr_chd .mc_vtvc .vtpl{bottom:6px}.va_tt .vcmt_ct,.va_tt .vcmt_ctt{display:block;margin-bottom:4px;font-size:11px}.va_tt .vasyt::before{content:"";background:url() no-repeat;background-size:18px 18px;padding-right:22px}.va_tt .vasig::before{content:"";background:url(



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yRddvQx/+D2pWSRvdyhg1s12gg59Chl9mDKW1MzAO3cE1rWvobr6oHKPin4N8QocCUAkT0
RiBGZnoCd+I3NN8IwicqRdTSQqotNtBMgFw6qQH1JufoDcrNz7tPRzBfz3JehZI8BifODDeHU
ZNXAajJFRtUNVipGyilNiWkmse6MvGjoaxnNTyN0NFV7172S3sstxML9nxBRL7I00c+my8Bhm
vwqZRJVOMKoStCDgQsQV+xbNq1OmYoZL06PzeGi+fwFJbz1IhJBeawAAAABJRUErkJgg
g==) no-repeat;background-size:18px 18px;padding-right:22px}.va_tt .vastt::before{content:"";ba
ckground:url(
AABWdVznAAAA90IEQVR4AZWQu2sCQRDGJyYHCQdqPEKqSHr7NOZFyvQJiJ1YKYII1ir
Y+ieoiKXYKZaniI3WIoqg4AMfhaAcCMJ93q2vwkXODz6WnZnf7swQEUU0w6D1Wn7y4cOJ
O/sLL8cH8ps1ernCdYCueCoJm03iAyaLGWa3SztDFg028BoBvnfdw4IW+r+hTgtLVUX67ZcBcj
CKV0HEl/h0epT2cgT8lBAlyjt+KNNsHMLU3yhUUebH+xGwWx+JRjOKdutUk+53wZVCPLG
vnj/f2ZCFchXh6RjDwYS1dnFLHo8XvZIMNVuE7PyD1SScATcHyqhuNevQt8H62BZHiaf6ZtX
qegAAAABJRUErkJggg==) no-repeat;background-size:contain;padding-right:20px}.va_tt
.vasfb::before{content:"";background:url(/rp/zvtkyPveEhrXqHA-euzAa983fpQ.png) no-
repeat;background-size:contain;padding-right:20px}.vcmt_ctt.vasyt::before{background-size:15px
15px;padding-right:19px}.vcmt_ctt.vasig::before{background-size:15px 15px;padding-right:19px
}.vcmt_ctt.vastt::before{background-size:contain;padding-
right:17px}.vcmt_ctt.vasfb::before{padding-right:17px}.mm_vrc{padding:24px 32px}@media
screen and (max-width:1022px){.mm_vrc{margin:0}}@media screen and (max-
width:766px){.mm_vrc{margin:0}}.mm_vrcc{padding:0 0 32px 0;margin-bottom:0}.mm_vrcc
h2{padding-bottom:20px}.mm_vrcc h2 a{font-family:'Segoe UI',Arial,Helvetica;font-
size:20px;color:#000;line-height:18px}.mm_vrcc .b_overlay .btn{z-index:3}.mm_vrcc .vrhc{z-
index:2}.mm_vrcc .mc_vtvc_th .cico{padding-bottom:0}#dg_c .mm_vrc,#dg_c
.mm_vrcc{padding:8px 16px 0 16px}#dg_c .mm_vrcc .mc_vtvc{width:100%}#dg_c .mm_vrcc
a: hover{text-decoration:underline}.isvctrl .mm_vrcc
.slide{overflow:visible}.mm_vrc{padding:16px 100px 0 160px}.mm_vrc .b_overlay
.btn.bigrounded.next{right:-44px}.mm_vrc .b_overlay .btn.bigrounded.prev{left:-44px}.mm_vrc
.b_overlay .btn.bigrounded .cr>div,.mm_vrc .b_overlay .btn.bigrounded .cr>div: hover{box-
shadow:none;border-radius:0;margin:0;background-position:16px 9px;background-size:12px 22px
;background-color:transparent;background-
image:url(/rp/rKVnxf6wkboxI0DBa2Au3IVC5Sog.svg)}.mm_vrc .b_overlay .btn.bigrounded
.cr>div{opacity:.7}.mm_vrc .b_overlay .btn.bigrounded .cr>div: hover{opacity:1}.mm_vrc h2
a{font-family:"Arial",Helvetica,Sans-Serif;font-style:normal;font-
weight:500;color:#111}.mm_vrc h2{display:inline-block;padding-
bottom:16px}.mm_vrc>div{position:relative;padding-bottom:32px}.mm_vrc
.see_more{position:absolute;right:0;top:3px}.mm_vrc .see_more>a{font-family:"Arial",Helvetica,
Sans-Serif;font-style:normal;font-weight:normal;font-size:16px;line-
height:18px;color:#000}#vsb_more{padding:16px 0 4px 160px;color:#111}#vsb_vid_cat
.mm_vrc h2 a::after{display:inline-block;margin-left:12px;content:"";background-



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```
image:url(/rp/rKVnxf6wkbxI0DbA2Au3IVC5Sog.svg);background-size:7px
14px;width:7px;height:14px;opacity:.7}#vsb_vid_cat .mm_vrc h2
a:hover::after{opacity:1}.mm_vrc .mm_vrc_sub{display:inline-block;margin-left:24px}.mm_vrc
.b_hList{position:absolute;height:20px;top:3px;overflow:hidden}.mm_vrc .b_hList>li{padding-
right:24px;padding-bottom:0}.mm_vrc .b_hList a{font:normal 13px/20px "Arial",Helvetica,Sans-
Serif;color:#111}.mm_vrc .mc_vtvc_tot .mmsts .mc_vtvc_meta{display:none}.vsb_tr_chd
.mc_vtvc .mc_vtvc_meta { padding: 10px 10px 10px 10px; } .vsb_tr_chd .mc_vtvc
.mc_vtvc_meta_w { height: 190px; margin-top: -0px; } .vsb_tr_chd .mc_vtvc .mc_vtvc_title {
height: 150px; line-height: 15px; margin-bottom: 0px; margin-top: 0px; } .vsb_tr_chd .mc_vtvc
.mc_vtvc_meta_block_area { height: 20px; } .vsb_tr_chd .mc_vtvc .vtmu, .vsb_tr_chd .mc_vtvc
.vtpl { bottom: 198px; } .vsb_tr_chd .mc_vtvc_th_dock { height: 190px; } .vsb_tr_chd
.mc_vtvc_th_dock { height: 60px; }.tr_bt.mc_vtvc_th img{height:auto;width:100%}.grad_b{posit
ion:absolute;width:100%;top:30%;bottom:0%;background:linear-
gradient(180deg,rgba(48,44,39,0) 0%,#302c27
100%)).mc_vtvc_th_dock{width:100%;background:#302c27}.mc_vtvc_tot
.mc_vtvc_th{background-color:transparent}.vsadc .grad_b{top:81.8%}.mc_vtvc_tot .mc_vtvc_me
ta{line-height:15px;position:absolute;bottom:0%;background:transparent}.mc_vtvc_tot
.mc_vtvc_meta_row{line-height:16px;font-size:12px;height:16px}.mc_vtvc_tot
.mc_vtvc_meta_row,.mc_vtvc_tot .mc_vtvc_meta_row a{color:#dadada}.mc_vtvc_tot
.mc_vtvc_title,.mc_vtvc_tot .mc_vtvc_title a{color:#fff}.vsadc .mc_vtvc_tot .mc_vtvc_title{line-
height:18px}.vsadc .mc_vtvc_tot .mc_vtvc_meta_row,.vsadc .mc_vtvc_tot .mc_vtvc_meta_row
a{color:rgba(255,255,255,.7)}.vsadc .mc_vtvc_meta_pubdate{padding-bottom:2px}.vtdc_default{
background:#302c27}.vtdc_default_g{background:linear-gradient(180deg,rgba(48,2,39,0)
0%,#302c27 100%)).vtdc_black{background:#111}.vtdc_black_g{background:linear-
gradient(180deg,rgba(17,17,17,0) 0%,#111 100%)).vtdc_blue{background:#3a4e74}.vtdc_blue_g
{background:linear-gradient(180deg,rgba(58,78,116,0) 0%,#3a4e74 100%)).vtdc_brown{backgro
und:#69423d}.vtdc_brown_g{background:linear-gradient(180deg,rgba(105,66,61,0) 0%,#69423d
100%)).vtdc_grey{background:#464646}.vtdc_grey_g{background:linear-
gradient(180deg,rgba(70,70,70,0) 0%,#464646 100%)).vtdc_green{background:#324f32}.vtdc_gr
een_g{background:linear-gradient(180deg,rgba(50,79,50,0) 0%,#324f32 100%)).vtdc_orange{bac
kground:#8c5400}.vtdc_orange_g{background:linear-gradient(180deg,rgba(140,84,0,0)
0%,#8c5400 100%)).vtdc_pink{background:#a3394b}.vtdc_pink_g{background:linear-
gradient(180deg,rgba(163,57,75,0) 0%,#a3394b 100%)).vtdc_purple{background:#774077}.vtdc_
purple_g{background:linear-gradient(180deg,rgba(119,64,119,0) 0%,#774077 100%)).vtdc_red{b
ackground:#811515}.vtdc_red_g{background:linear-gradient(180deg,rgba(129,21,21,0)
0%,#811515 100%)).vtdc_white{background:#464646}.vtdc_white_g{background:linear-
gradient(180deg,rgba(70,70,70,0) 0%,#464646 100%)).vtdc_yellow{background:#755b00}.vtdc_
yellow_g{background:linear-gradient(180deg,rgba(117,91,0,0) 0%,#755b00 100%)).vtdc_tea{ba
```



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ckground:#256868}.vtdc_teal_g{background:linear-gradient(180deg,rgba(37,104,104,0) 0%,#256868 100%)}.cipt,.cipg,.cipa,.cipl,.ciptr,.ciplr{display:inline-block}.cipa,.cipl,.ciplr{cursor:pointer}.vab{vertical-align:bottom}.vam{vertical-align:middle}.vat{vertical-align:top}.vabl{vertical-align:baseline}.vatt{vertical-align:text-top;border-radius:0}.vatb{vertical-align:text-bottom} evronDown12, evronUp12{background:url(/rp/QKlTrqL25sGDqfRYQjkMWJWDeG8.png) no-repeat;background-size:494px 58px;width:12px;height:12px} evronDown12{background-position:-372px 0} evronUp12{background-position:-372px -14px}@media(prefers-color-scheme:dark){#bpage.b_med evronDown12{background-position:-386px 0}#bpage.b_med evronUp12{background-position:-386px -14px}}#bpage.b_drk evronDown12{background-position:-386px 0}#bpage.b_drk evronUp12{background-position:-386px -14px}.cipt,.cipl{margin-right:10px}.cipt .cico,.cipl .cico,.ciptr .cico,.ciplr .cico{border-radius:0}.b_action>.cipt,.b_action>.cipl{float:left}.ciptr,.ciplr{margin-left:10px}.sw_play{height:16px;width:16px}:not(.dc_aud_wrp)>.sw_play{background-image:url( E6UAFKUAE6QAFKUAEqYAD58AE6QAE6UAFKQAEqUAD6QAE6MAE6QAD6cAE6QAF aQAFKQAEqQAFKUAEqQAFKUAEqIAFKMAEqMAE6MAD58AE6UAE6UAE6IAFKYAFK YAE6MaDJ//AAAAI3RSTlMAEGCfz//XyCQj79vMEDfIKAwok/vYL9gcHDPMM9QkK+fnz HYYSkAAAEVSURBVHgBdZMFkuwwEEPvk/ULx8nSMN7/jh/X1dUDKgpyaTIZavQLUF6q2 rTo5o24aoaRVkH9MNOkk1DD3QW8AzV7M/zAtLDNGbyqKA5k9+d58OkKPukZFjmU0/0Qf6P deXGVcDu3wBQphcXpxH+vlioyhtyHRwLrWQeICCEzHyZvunlBmLImo0WtsEQQnZU2jMFQ wg5cFTCgiGEGF8CBUMMGReGdCpvnG/xaT7Ennc3RFyaOMZlOu7LXLF2Q8GL1tSyROMGx 3/O0aSzH1bEyznOUKYZcC/C+XVh2nJT6Yk+yd7giz3wV/LstS8NfvgTPCN0qVkofAk8A+thMs nehzXQmqLmBVdqHXfZ97JPkPa3ldP6DeOGDIAP873EAAAAAEIftkSuQmCC);background-size:16px 16px}#slideexp1_E8FC76 .slide { width: 94px; margin-right: 20px; }#slideexp1_E8FC76c .b_slidebar .slide { border-radius: 6px; }#slideexp1_E8FC76 .slide:last-child { margin-right: 1px; }.b_sldrp .slide{box-shadow:0 0 0 1px rgba(0,0,0,.05)}.b_cards .cico,.b_slidebar .slide .cico{border-radius:0}#b_content .b_wpt_container .l_ecrd_imgsetgrid.l_ecrd_imgsetgrid_actionlink .l_ecrd_imgsetgrid_item .cico{border-radius:0!important}.b_sldrp .slide.see_more{box-shadow:0 0 0 0 rgba(0,0,0,0)}.b_sldrp .slide.see_more .carousel_seemore{border:0}.b_sldrp .slide.see_more: hover{box-shadow:0 0 0 0 rgba(0,0,0,0)}#slideexp1_E8FC76c { margin: -4px; } #slideexp1_E8FC76c .b_viewport { padding: 4px 1px 4px 1px; margin: 0 3px; }#slideexp1_E8FC76c .b_slidebar .slide[data-mini="1"] { display:none; }Videos of The Importance of Energy Storage Backup PowerWatch video4:37How Battery Energy Storage Systems Work (BESS)saVRee43.3K viewsOct 9, Watch full videoWatch video1:32:47An Introduction to Battery Energy Storage Systems and Their Power System SupportEngineering Institute of Technology22.3K viewsApr 19, 2024Watch video9:20Understanding Energy Storage in Electrical Power GridInitial Learn With Me906 viewsMar 2, 2024Watch video7:08Advantages of Battery Energy Storage Systems (BESS) for



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smoke alarm that plugs into a home but also has The top benefits of backup power And that's exactly what energy storage provides: emergency backup power. When you pair energy storage with a solar panel system, you can keep your lights on even in the Battery Energy Storage: How It Works and Why It's Important Battery energy storage captures renewable energy when available. It dispatches it when needed most - ultimately enabling a more efficient, reliable, and sustainable electricity grid. This blog The Role of Energy Storage in Grid Stability and ManagementBy providing backup power during outages or grid disturbances, energy storage systems can enhance the grid's ability to withstand and recover from adverse events, such as In focus: Supercharging the transition with energy storage solutionsWhile renewable energy sources can't be depleted in the same way as fossil fuels, they are 'variable', meaning their availability fluctuates. That's where energy storage solutions,

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