

UHLELO LOKUSEBENZA LUKA-2023: IPHEPHA LAMAPHUZU



IMIBONO MAYELANA NOHLAKA LWE-IRP 2023
KULINDELEKE IFIKE ZINGAMA-23 KUNDASA KOWEZI-
2024 FUTHI INGATHUNYELWA NGE-IMEYILI KU:-
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IYINI I-INTEGRATED ENERGY PLAN (IEP), FUTHI INGABE LOKHU KWEHLUKILE KUHLELO OLUDIDIYELWE LWEZINSIZA (IRP)?

- I-IEP iqukethe isithombe esikhulu sawo wonke umkhakha wezamandla (njengezimboni, ezokuthutha kanye nokuphehla ugesi), kanti i-IRP iwuhlelo oluthile olugxile emkhakheni kagesi kulo mfanekiso omkhulu.
- Zombili lezi zinhlelo zingamathuluzi abalulekile okuqondisa izinqumo eziphathelene nogesi, ukuqinisekisa ukutholakala kwamandla okuzinzile, okuthembekile, nokuthengekayo eNingizimu Afrika.



UKUTHOLA AMANDLA ATHEMBEKILE, AHLANZEKILE, ATHENGEKAYO KUBALULEKILE EKUTHUTHUKISWENI KWENHLALO NOMNOTHO!

KUSHO UKUTHINI UKUHLELWA KWAMANDLA?

- Ukuhlelwa kwamandla kudinga ukuthi sibheke ukuthi sidinga amandla angakanani, hlobo luni lwamandla esiwadingayo, siwasebenzisa kanjani lamandla ngobuhlakani, nokuthi singawonga kanjani amandla.
- Ukuhlelwa kwamandla kuwuhlelo lokuthuthukisa iqhingaswe lesikhathi eside ukusiza ukuqondisa ikusasa lohlelo lwamandla. Ukuhlelwa kukagesi ngokucophelela kubalulekile njengoba ingqalasizinda yokuphakelwa kukagesi ivamise ukudinga izindleko ezinkulu zokuqalisa futhi ingaba yinzuzo esikhathini esifushane ekuphileni kwayo okulinganiselwe.
- Ukuhlelwa kwamandla kwenziwa ngokumodela nge-computer. Imodeli ye-computer ingasinika umbono wokuthi yiziphi izinhlobo zamandla ezingaba ngcono eNingizimu Afrika nokuthi zingasisiza kanjani ukuthi sihlengabezane nezinjongo zethu zesimo sezulu esiguqukayo, silungise isimo semvelo, sidale amathuba emisebenzi, futhi sikwazi ukuwathenga.

KUNGANI SIDINGA UHLELO?

- INingizimu Afrika idinga ukuhlela ukuqinisekisa ukuthi sinamandla anele ukuhlengabezana nezidingo zethu. Kufanele siqinisekise amandla anele amanzi ashisayo, izibani, izimboni, ukulima, nezokuthutha. Sidinga uhlelo olubuyezwa minyaka yonke futhi bonke abantu baseNingizimu Afrika bathole ithuba lokuphawula.



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- Ngo-2023, i-The Green Connection, Kanye ne-Southern African Faith Communities Environment Institute, zaya enkantolo yomthetho ukuze ziphoqe uhulumeni ukuthi asebenzise isigaba 6 soMthetho Wamandla Kazwelonke, okwenza kuphoqeleke ukuthi uMnyango Wezemagugu ambiwayo Namandla (DMRE) ukhiqize uhlelo futhi ulubuyekeze minyaka yonke.

YINI I-IRP?

- I-IRP iwumqulu wohlelo lukagesi okufanele uveze uhlelo lukahulumeni lokuthi uzofuna kanjani ukuqinisekisa ukuvikeleka kukagesi kubo bonke abantu.
- I-IRP kufanele ibale ukuthi sidinga ugesi ongakanani (isidingo), ukuthi siwusebenzisa kanjani ugesi ngokuhlakanipha nangempumelelo, bese siwuhlinzeka kanjani ugesi esiwudingayo esikhathini esizayo.
- I-DMRE kufanele ishicilele uhlelo njalo, kodwa akunjalo ngoba i-IRP yokugcina yayingonyaka ka-2019.



KUNGITHINTA KANJANI LOKHU?

- Uma uhulumeni ekhetha uhlelo olumba eqolo lokuphehla ugesi, isikweletu sakho sikagesi sizoba phezulu kakhulu, futhi ngeke ukwazi ukusikhokhela. Kodwa uma uthenga ugesi oshibhile kuphela ongaqinisekisiwe ukuthi uzosebenza njalo, sisenenkinga. Esikufunayo ugesi ohlanzekile, othengekayo nothembekile. Indlela yokuqinisekisa lokhu ukubheka ingxube yezinketho ezahlukene zokuphehla ugesi futhi uqinisekise ukuthi lengxube ingakwazi ukugcina izibani zikhanya ngaso sonke isikhathi nokuthi intengo iyafinyeleleka.
- Unelungelo lokuba nezwi lakho mayelana nohlaka lwakamuva lwe-IRP oluhlongozwayo. Leli lungelo liyisizathu esibalulekile sokuphawula ngohlaka lwe-IRP 2023 futhi utshele uhulumeni uma ujabulile ngeziphakamiso futhi, uma kungenjalo, yini uhulumeni okufanele uyifake ohlelweni.

LUTHINI UHLAKA LWE-IRP LONYAKA KA-2023?

- iNingizimu Afrika inelanga eliningi, umoya kanye namanye amandla avuselelekayo. Kodwa-ke, umbhalo we-IRP osalungiswa uqukethe iziphakamiso ezinesabelo esincane selanga nomoya kunohlelo lwangaphambilini, olwashicilelwa ngonyaka wezi-2019, nakuba ilanga nomoya kuthengwa kakhulu manje.

I-2030 yezicwangciso - vs 2023 yokwenyani

Ngo-2019, i-IRP ibeka izicwangciso zaza zavuma imfuneko eMzantsi Afrika ukhusele umbane ohlaziyiweyo kwaye usezantsi wethu Ukuxhomekeka kwi-fossil fuels ngo-2030. Ngo-2023, isixa se Ukuhlaziywa kwakhona kumxube wethu wombane kwakusemva kweminyaka engama-2030 lthagethi, kunye neSebe leZimbiwa naMandla (i-DMR) umva wokuzibophelela kwabo ekucwangcisweni kwezinto ezihlaziyiweyo.

I-VS ehlaziyiweyo VS umbane ophembelwe ngokungasebenzisani nendalo

I-IRP 2019 lthagethi ibeka i-2030



lithagethi ze-IRP ezingama-2023 zibekelwe ama-2030



Ilanga lophahla

Yintoni efunyenwe nge-2023



Yintoni onokuyenza ngayo?

Yala i-IRP engama-2023 kwaye inyanzeliseke ngakumbi kwaye isicwangciso sombane esizinzileyo!

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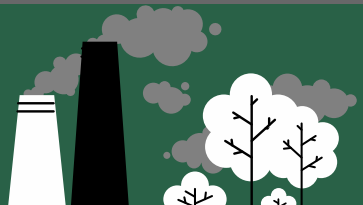


- Uhlelo alunikezi izinombolo ezinemininingwane mayelana nezindleko zezinhlobo ezahlukene zikagesi imodeli esetshenziswayo. Ngakho-ke, kuyinselele kochwepheshe ukuthi bahlole uhlelo futhi baphawule ngalo.

- Lolu hlelo ngeke luxazulule ukucinywa kukagesi futhi luhlongoza ukwakhiwa kweziteshi zikagesi ezithatha isikhathi eside ukwakhiwa futhi ezingcolisa kakhulu - isib. amalahle,i-gesi nenuzi.

- Okanye okuphathelene nengxenywe ukuthi uhlelo luthi ukucinywa kukagesi kuzoqhubeka eminye iminyaka eyisithupha. Kubalulekile ukukhumbula ukuthi izindleko zamandla avuselelekayo zizoqhubeka nokwehla eminyakeni ezayo.
- INingizimu Afrika idinga imisebenzi eyengeziwe, futhi leyo misebenzi idinga ukuba iphephe, isimame futhi iqhubeke. INingizimu Afrika ibikade inezimboni ezisebenzisa amandla elanga neyomoya, kodwa inqubomgomo kahulumeni yamisa okuvuselelekayo, lezo zimboni zavalwa.
- Ngakho, sidinga i-IRP ezibophezela ekwandiseni okuvuselelekayo ukuze kudaleke amathuba emisebenzi yesikhathi eside.

I-gesi inguphethiloli wezinsalela ezingcolisa ngokwedlulele ezibe nomthelela ekufudumaleni komhlaba nokushintsha kwesimo sezulu. Naphezu kocwaningo lochwepheshe olubonisa ukuthi asizidingi izimboni ezinkulu zokuphehla ugesi, i-IRP 2023 isaqhubeka nokufaka lokhu ezinhlelweni zethu zokuphakela ugesi.



KUNGANI I-GESI INGEKHONA UKUKHETHA OKUHLE?

- • INingizimu Afrika isivele ihlukumezekile kakhulu ngenxa yokushintsha kwesimo sezulu njengoba sibonile isomiso, izikhukhula, kanye ne-gesi evuthayo, ebangela ukukhishwa kwe-carbon encane kunamalahle kodwa ngaphezu kwelanga nomoya. Kodwa-ke,i-gesi (i-methane) ingaphuma emapayipini aye emkhathini (ukukhishwa kwegesi okubalekile/fugitive emissions). I-Methane ilimaza kakhulu futhi ingabangela umonakalo wesimo sezulu ngo-85% ngaphezu kwamalahle eminyakeni engama-20.
- Izinkampani ze-Oil ne-Gas zithi kufanele sisebenzise igesi njengophethiloli 'woshintsho'. Kodwa-ke, izindleko zezinto ezivuselelekayo zehle kakhulu futhi zizoqhubeka nokwenza njalo. Leli qiniso lisho ukuthi asikho isidingo sokusebenzisa i-Oil ne-Gas kwingxube yethu yamandla okwakhiwa kwengqalasizinda kaOyela ne-Gesi. Uma sisebenzisa izigidigidi zamaRandi ekwakheni amapayipi egesi nokumba igesi olwandle lwethu, ngeke sisawadinga lawo mapayipi kanye nezinkundla zokumba, kodwa sisazozikhokhela, futhi zingabeka engcupheni imvelo nakubantu.
- Igesi nayo iwumkhiqizo womhlaba wonke, okusho ukuthi imakethe yamazwe ngamazwe ibeka amanani ayo. Ngamanye amazwi, intengo nokunikezwa kwegesi kungaphanyiswa yizimpi, ukuphazamiseka kwemikhumbi noma izingxabano zezwe nezombusazwe, okuyenza ibe umthombo wamandla ongathembekile. Igesi idinga ukulandwakwamanye amazwe futhi ithengwa ngamadola aseMelika. Ngakho, uma ukushintsha kweRandi/Dola kushintsha, intengo yegesi iyabiza.
- Igesi nayo ibeka engcupheni yokuba 'impahla enganakiwe'. Sidinga imali eningi kusenesikhathi ukuze ingqalasizinda entsha isekele imboni yegesi, sandise ukuncika kwethu kulawa mafutha ezinto ezimbiwa phansi. Le ngozi ibambezela nakanjani ukushintshela kwethu ezintweni ezivuselelekayo futhi izosenza siqhubeke nokuntenga njengoba umhlaba usuka ezintweni zokubasa ezimbiwa phansi. Maduze, ngeke sisasebenzisa igesi njengoba izindleko zobuchwepheshe obuvuselelekayo ziqhubeka nokwehla, okwenza konke ukutshalwa kwezimali kwingqalasizinda yegesi kube ukumosha imali yomphakathi.
- Ukukhishwa kwegesi nakho kuyingozi elimaza imiphakathi yendawo kanye nemvelo. Inqubo yezimayini zegesi (kokubili ogwini nangaphandle kosebe) kucekela phansi futhi kuza nemiphumela emibi olwandle, emoyeni, empilweni yabantu kanye nezinhlobonhlobo zezinto eziphilayo

[1] [Grasping-For-Gas-Report-22042021-1.pdf](#)
(thegreenconnection.org.za).

Kutheni kufuneka unyamekele!

Ngoku sinokubona ukuba umde kangakanani eMzantsi Afrika ungayinciphisi Ukuxhomekeka ku kuphemba umbane ngendlela engasebenzisaniyo nendalo Ifuthe elibi kwimpilo yabemi, imali ye ilizwe kunye neziphumo zokusingqongileyo.

ivuselelekile

Iziphumo ezingcono zempilo



vs

Ukuphemba umbane ngendlela engasebenzisaniyo nendalo

Impilo



Ukunyuka kokugula kunye nezifo

Ihla kwaye iqikelwe ngakumbi



Iindleko



Ukuya phezulu kunye nokungalindelekanga

Thintela ukuqhubela phambili



Okusingqongileyo



Ukungazinzi kunye nokonakalisa

Yintoni onokuyenza ngayo?

Yala i-IRP engama-2023 kwaye inyanzeliseke ngakumbi kwaye Isicwangciso sombane esizinzileyo!

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IZINKINGA NGE-IRP

- Uhlaka lwe-IRP 2023 aluyona i-IRP yabantu. Ayinikezi amandla athengekayo, ahlanzekile angeke angcolise noma abangele izinkinga zempilo. Kuzokwenza kube kubi kakhulu ukuguquguquka kwesimo sezulu futhi kugxilise abantu abanengi ebumpofini bamandla.
- Uhlaka lwe-IRP 2023 lubeka phambili uhlelo lokuphehla ugesi wezinsalela ezimbiwa phansi lapho umhlaba uguqukela ezomnotho ezine-carbon ephansi, ezofika ngezindleko ezinkulu enhlalakahleni yabantu, ezempilo, kanye nemvelo.

I-IRP YABANTU:

- **SIDINGA AMANDLA AHLANGABEZANA NEZINHLOSO ZETHU ZESIMO SEZULU, AVULA AMATHUBA EMISEBENZI, FUTHI AHOLELE EKUBENI SIBE NOGESI OTHENGEKAYO.**

• I-IRP YABANTU IZOQAPHELA UKUTHI UKUGUQUKA KWESIMO SEZULU KUZOBA NOMTHELELA EKUVIKELEKENI KOKUDLA KANYE NEMPILO YABANTU FUTHI ICABANGELE ISIDINGO SOKUCABANGELA IZIZUKULWANE EZIZAYO.

NGAKHO-KE SIFUNA UHLELO LUKAGESI (IRP) OLUSINIKA:

- UKUKHIQIZWA KUKAGESI OKUNGEKE KWANDISE UKUNGCOLISWA KOMOYA NAMANZI NOMA KUSIPHUCE UMHLABA WETHU
- UGESI OTHENGEKAYO - KUYO YONKE IMIPHAKATHI ENGANAKIWE FUTHI NESENGOZINI.
- UKUKHETHWA KOKUPHEHLWA KWEGESI OKUZDALA IMISEBENZI ESIMEME, EPHEPHILE FUTHI ENEMPILO.
- UGESI OZOBHEKANA NENKINGA YETHU YOKUGUQUGUQUKA KWESIMO SEZULU.

ULENZA KANJANI IZWI LAKHO LIZWAKALE - IMIBONO YOMPHAKATHI:

UHLAKA LWE-IRP LUVULIWE UKUZE UMPHAKATHI UPHAWULE NGALO KUZE KUBE UMHLA ZINGAMA-23 KUNDASA KOWEZI-2024.

UNGATHUMELA IMIBONO YAKHO KULELI KHELI LE-IMEYILI:IRP.QUERIES@DMRE.GOV.ZA

UMPHAKATHI UNGAPHONSELA INSELELO UHLELO NGOKUBUZA IMIBUZO NOMA UKUPHAWULA. NANSI EMINYE IMIBUZO ONGACABANGA NGAYO:

- INGABE SINOLWAZI OLWANELE OLUQONDAKALAYO UKUZE SENZE UMIBONO EPHUSILE KULOLU HLELO?
- INGABE LOLU HLELO LUYAHLANGABEZANA NEMIBANDELA YETHU YOHELELO LWAMANDLA LWABANTU?
- INGABE SIYAYIDINGA IGESI ESHISA IZINSALELA, IKAKHULUKAZI UMA UHULUMENI EFUNA UKUMBA OLWANDLE LWETHU UKUZE ATHOLE IGESI?
- INGABE SICABANGA UKUTHI IZITESHI ZIKAGESI EZIBASWA NGAMALAHLE KUFANELE ZIQHUBEKE NGALE KWEZINSUKU ZOKUVALWA KWAZO - NGISHO NOMA LOKHU KULIMAZA IMPILO YABANTU?
- AMANDLA AVUSELELEKAYO AYAHAMBISANA NESIMO SEZULU FUTHI ANGADALA IMISEBENZI EMININGI - PHO KUNGANI UHLAKA LWE-IRP LUNCIPHISA INANI LAMANDLA AVUSELELEKAYO ESIKHATHINI ESIZAYO?
- OCHWEPHESHE BAYE BAKUTHOLA KUNZIMA UKUQONDA UKUTHI IMIPHUMELA YE-IRP EWUHLAKA YATHOLWA KANJANI; IZINDLEKO AZIKHO OBALA - SIDINGA IZINCAZELO EZENGEZIWE?
- I-GREEN CONNECTION IKHOLELWA UKUTHI KUFANELE SIYENQABE LE-IRP FUTHI SIQALE SIKHIOIZE I-IEP EHLELA LONKE UHLELO LWETHU LWAMANDLA NGAPHAMBI KOKUBA SIBHEKE ISETHI KAGESI.

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