

ᠵᠴᠢᠨ ᠠᠶ᠋ᠨᠢᠨ

evsj vt`k cwi tek Avt`vj b (evcv)-i Dt`vtM 11 AvM ÷ 2012, kivevi, mKvj 10.00Uvq XvKv wekpe`vj tqi beve bl qve Avjx tPšajx wmtbu fetbi tmvgbvi Kt`ŋl Oevsj vt`tki Ae`eüZ Ryj vbx Lwb - tmši kw`t Rj evqj cwi eZB tiva, mgx A_ÖxvZ I Ryj vbx `wbfPZv AR`b `ecwEK mthvM0 kxl R GK tmvgbvi AbjōZ nq| evcvōi mfvcwZ Rbve GGmGg kvnRvnb Gi mfvcwZtZ; Ges maviY m`úv`K Wvt tgv Avāj gwZb Gi mĀvj bqv GtZ gj cĒÜ Dc`vcb Kt`b h`p`i v`i` t`ebwM BDwbfwmmŋi w`ŋK W. mvR` Kvgj (cĒÜwJ wbtgæmsh`p Kiv AvtQ)| Avtj vPK wmtte Dcw`Z wQtj b XvKv wekpe`vj tqi BbwōwJDU Ae wi wbdtqej GbrRx`p Aa`vcK W. mvBdj nK, Rvrv/xbMi wekpe`vj tqi A_ÖxvZ wfvM`i Aa`vcK Avby tgvnv`š, XvKv wekpe`vj tqi dwj Z c`v`w`efvM`i w`ŋK W. tgv nweej ingvb I wRwJtRWōi wmbqi Dc`ōv W. Lj w`-Dj - Bj v|

W. mvR` Kvgj Z`wfwEK Dc`vcbvq mvi wek`wK Kt`i AvR bevqthvM` Ryj vbx m`úv`i w`tK gtbthvM w`t`Q Zv c0 kb Kt`i Y| wZwb etj b, wKDev, Rvgf`b I j`wJb Avtgwi Kvi t`kmgv AvR bevqthvM` Ryj vbx e`envi Kt`i Hme t`tki Ryj vbx Pwn`v hvZ tglvfbv hvq tm e`vcv`ti Zvi e`vcK cwi Kíbv Kt`i Q| Avgv`i evsj vt`tki m`tebv Adi š` Avgt`i itqtQ mth`p Avtj v I evZvm| Mtelbvq GuJ cōywbZ th, GK Nsvi mth`p Avtj v t`tK cōB Ryj vbx w`tq mviv we`t`k`i 1 eQt`i Pwn`v tglvfbv m`te| wKŠ` Avgiv KLB GB m`úv`i e`env`ti i w`tK bRi t`Bwb| AvR `ewK K DōZvi dtj Rj evqj th cwi eZB nt`Q, tmUvi I Kvi Y Avgiv AwZwi`3 tZj, M`vm I Kaj vmn Rievk` Ryj vbx e`envi Kiv Q| mZivs Avgv`i fmel`tZi Ryj vbx Pwn`v `vqxvte tglvfbvi Rb` Ges Aciw`tK `ewK K DōZv KgvZ bevqbh`p Ryj vbx m`úv` we`t`k`i Kt`i tmši kw`tK e`envi Kivi Rb` GLbB cwi Kíbv Kt`i Z nte| Gt`ŋl`i mi Kvt`i evRU eiv`mn `xN`vqx cwi Kíbv Kt`i Z nte| wZwb Avt`v etj b, tmši kw`3 GKwJ RbevŪe, cwi tekevŪe I A_ÖxvZevŪe cth`p` | evsj vt`k Zvi AbjNvwJZ ev Ae`eüZ bevqthvM` ÖRyj vbx LwbōtK e`envi Kt`i `i agv`l Zvi wR`^ Ryj vbx msKU wimb bq eis mviv we`t`k`i Rb` GK Abt`cō Yvgj K D`vniY mwó Kt`i Z m`ŋg nte| wZwb Zvi e`3te` tmši kw`3i e`envi Kivi Rb` evcv`tK Mbm`pZbZv ewx`i j`t`ŋl` KvR Kivi Avnevb Rvrbv|

W. mvBdj nK etj b, tmši kw`3 e`env`ti i t`ŋl`i KvR Kt`i Z wMtq th eo mgm`wJ t`Lv tMj Zv nt`Q, mevB gtb Kt`i GtZ LiP tekx| wKŠ` Guv GKUv `w`f`xMZ mgm`v| Kvi b GtZ GKev`ti webtqvtM GKUz LiP tekx ntj I `xN`gqv`x e`w`3MZ j`vfB tekx| ZvQovl BtZvgt`B mvi we`t`k`i tmši c`v`t`b`j i gj` tek nvm tctqtQ, fvj gv`bi e`Uvixl evRv`ti GtmtQ| wKŠ` evsj vt`tki e`envqx gntj i Gme cth`p`3 Mth`b Abxnv itqtQ| tmši kw`tK Rbwcō Kt`i Z mi Kvi tK Ge`vcv`ti cōqvRbxq A`ŋb cōv`bi Avnevb Rvrbv| cvkvcwk cōZwJ wekpe`vj tq tmši kw`3 Bbw`wJDU tLj vi `vex Rvrbv|

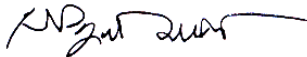
Aa'vcK Avbytgvnvaf` etj b, mthP Avtj vi tKvb e'w³ gwj Kvbv tbB, GUvi gwj K cKZ At_©
mKtj B| GB GKgvI m'au` thLvfb mevi AwfMg'Zv D'af³| ZvB thLvfb cdek AwaKvi mevi
mgvb, tmLvfbB tZv ivofK GwMtq AvmtZ nte-mjeav w' tZ nte| mi Kvti i c'fj t_tK tmSi kw³
e'vcvti Df`vMi K_v ejv ntj Zv tKvb ev-egLx c`t'fj c j'fjbxq bq| GKwU gbvdvtj vfx
c'Zovb I e'w³ i Kvty Gi mdj Zv tfvM KitZ cvi wQ bv| wZvb etj b, tmSi kw³ Avgvt` i
fiel`Z ZvB Ge'vcvti AM'naKvi w'f'EtZ g'bvthvM w' tZ nte| Ge'vcvti Rbm'PZbZv evovt'vvi
j'fj' we'Avbx, MtelK, Zi`b w'etkl Amn msev` gva'gtKI GwMtq Avmvi Avnevb Rvbvb|

W. Lj kx`-Dj -Bmj vg etj b, tmSi kw³ i e'vcvti GLbB `xN'gqv` x cwí Kí bv KitZ nte, Zv bv
ntj Ryj vbx mgm'v Avt'iv Zxe' nte| wZvb etj b, tmSi kw³ i Rb` GKevi w'wbt'qvm Ki`b Ges
`xN'gqv` x e'envi Ki`b0 GB avi bwUtK Rbw'c'j KitZ nte|

W. tgvv nweej ingvb Zvi e³te` wnmve Ktl t`wL'tq'Qb th Avmtj tmSi Ryj vbx LiP c'Pwj Z
`Re Ryj vbx Li'tPi t'P'q Kg|

mfvcwZi e³te` Rbve GGmGg kvnRvnb etj b, Avgvt` i ivR%bwZK A'xKvi I e'vcK
Rbm'PZbZv Ge'vcvti eo f'wgKv ivL'tZ cvti |

ab'ev` mn-



Wrt tgvv Avaj gwZb

mvavi Y m'au'v` K, evcv

The Untapped Energy Mine

The Revolutionary Scope of Renewable Energy to Fight Climate Change,
Revitalize the Economy and Gain Energy Independence for Bangladesh

A power point presentation by
Dr. Sajed Kamal

Bangladesh is richly endowed with renewable energy sources: light, heat, wind, water movement, and photosynthesis. It is an exceptional and naturally endowed “energy mine.” The presentation will include a global survey of applications of renewable energy technologies including photovoltaics, wind turbines, hydroelectric generators, solar thermal systems, biogas plants, solar greenhouses and solar cookers for a wide range of domestic, commercial and industrial purposes. Prompted by rapid depletion of conventional fuels—oil, natural gas, coal and uranium, skyrocketing costs, worsening environmental consequences like climate change, nuclear contamination, threatened national security and energy wars, these technologies are enabling some countries around the world—from the industrially most developed to developing ones—to make a transition to energy resources that are clean, affordable, secure, sustainable and peaceable. The presentation will also show some pioneering projects in Bangladesh since the 1980s which have proven the economic, environmental and political advantages of these technologies and suggest their revolutionary prospect for the country. By tapping into its practically untapped “energy mine” of renewable energy resources, not only could Bangladesh solve its own energy crisis, it could also set an inspiring example to the world!

Sajed Kamal, EdD, teaches “Renewable Energy and Sustainable Development” in the Sustainable International Development Program at Brandeis University in Massachusetts, USA. With more than thirty years of experience, he has been a lecturer and consultant on renewable energy internationally, setting up projects in the United States, Bangladesh, Sri Lanka, Armenia and El Salvador. In Bangladesh, he initiated and implemented the pioneering “A Photovoltaic Pilot Program for Bangladesh” (1986-1989), and was the Consultant to the “BRAC Solar Energy Program for Sustainable Development” (1997-2000). He is also an award-winning poet, artist, photographer, translator, psychotherapist, nursery school teacher-consultant, and published author of a dozen books and many articles in a wide range of areas including renewable energy, environment, education, psychotherapy, poetry, arts, translation and peace. His publications include *Photovoltaics: A Global Revolution & Its Scope for Bangladesh* (UBINIG, 1989), *The Untapped Energy Mine: The Revolutionary Scope of Renewable Energy to Fight Climate Change, Revitalize the Economy and Gain Energy Independence for Bangladesh* (Scholars Publishers, Bangladesh, 2010), and *The Renewable Revolution: How We Can Fight Climate Change, Prevent Energy Wars, Revitalize the Economy and Transition to a Sustainable Future* (Earthscan, UK & USA, 2011). His forthcoming books include *The Sustainability Prescription: The Seven Evolutionary Conditions for Survival, Prosperity and Peace*. In 2007 he was awarded Boston “Mayor’s First Annual Green Award for Community Leadership in Energy and Climate Protection”, and in 2008, a “Lifetime Achievement Award” by the U.S. Environmental Protection Agency. “The Greener Issue” of *The Boston Sunday Globe Magazine* on September 28, 2008, featured him as one of the “Six local heroes whose work is having rippling effects—at home and far away—in making the world a better place.”

“Kamal is the navigator we need to sail with confidence into this new century.” Bill McKibben, Founder, 350.org

Ùevsj v` fki Ae"eüZ Ryj vbxí Lwb - tmŠi kwi³t

Rj evqycwi eZB tiva, mgx A_ŠwZ I Ryj vbx wbfPZv ARfb ^ecweK mfhvMÓ

Dc`vcbvq: Wt mvfR` Kvgvj

evsj v` k mKj cKvi bevqbthvM Ryj vbxí Dm mgfn mgx, thgb: Avtj v, Zvc, evZim, cwbi tmZ I v`vj vKmsfKHY cÚµqv| Gme wgtj evsj v` fki mnR j f` Gme Dm GK e"vWµgagP I cKwZ cÜ È Ókwi³i LwbÓi Ae-vb mwó KtítQ| AvRtKi cÜUw bevqbthvM kwi³i wevfba cŋy³i ^ewkK GK Ae-v Ztj aite hvi gta" itqtQ: dtUvftëKm, evqyUvi evBb, Rj -%e`yZK fRbvftiUi, tmŠi Zvc hšcwZ, ^Re-M"vm c"U, tmŠi MÓY nvDm, Ges Mn-vjx, ewbWR`K I wki KviLvbvi e"vcK cÚqvRb tgUvfbvi Rb" tmŠi Pj v| cÜvMZ Ryj vbxí Dm thgb: tZj, cÜkZK M"vm I BDtívqvq Gi `Z wbttkl ntq hvlqv, AvKvkPæ LiP, evtR aiŋyi cwitekMZ msKU thgb: Rj evqycwi eZB, cvigvweK `tY; RvZiq wbi vcvEvi Dci úgwk I Ryj vbx-hy BZ"wi itcÚvcfU GmKj bevqbthvM cŋy³ AvZ Dbz wki -mgx t_tK Dbqbkxj t`kmgfK cwí "Qbæ e"qmvá", wbi vc`, tUKmB I kwšeYcÚµqv-wbÖZ Ryj vbx mæú` Avnitŋyi wekvj mfhvM mwó Ktí w`tqtQ| GB Dc`vcbvU evj v` fki wKQzhMvšKvix cKí tKI Ztj aite hv 1980mb t_tK Gme cŋy³i A_%wZK, cwitekMZ I ivR%wZK mjevimga wbiÖZ KtítQ Ges Gt`fki Rb" Gme cŋy³ ^ecweK GK mævebvi c_ cÜkK KítQ| evsj v` k Zvi AbŋNwUZ ev Ae"eüZ bevqbthvM ÓRyj vbx LwbÓtK e"envi Ktí i agvÍ Zvi wR` ^Ryj vbx msKU wbi mb bq eis mviv wtkj Rb" GK Abt cÜ Yvgj K D`vniY mwó Ktíz mŋlg nte !

Dc`vcK cwí wPwZ:

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