



Corporate Resolution

Corporations (whether for profit, not for profit, municipal or otherwise), foundations, and other customers which have a governing body (e.g., a Board of Directors) are required to have such governing body adopt the resolutions set forth below, or its equivalent under applicable law, authorizing the opening of an account and to submit to Wedbush Securities, Inc a Secretary's or Clerk's Certificate as set forth below certifying as to such resolutions. Alternatively, Customers may use their own form of authorizing resolution if acceptable to Wedbush Securities, Inc

Certified Copy of Resolutions

I, being the duly appointed Secretary, Manager and/or Member of the below-named corporation ("Corporation"), organized and existing under and by virtue of the laws of the State listed below, do hereby certify that the following Resolutions are true and complete copies of Resolutions adopted at a meeting of the Board of Directors of the said corporation duly called and held on the date set forth below, at which a quorum was present and voting, that and Resolutions are not in conflict with the Charter and By-Laws of Corporation, that said Resolutions are reflected in the minutes of the Board of Directors, and that all agreements signed pursuant to said Resolutions shall be, continuously thereafter from the date they are executed, official records of the corporation:

BE IT RESOLVED that Wedbush Futures, a division of Wedbush Securities, Inc. is hereby designated as a Broker authorized to establish one or more accounts on behalf of Corporation for the purpose of trading in the futures contracts, options, forward contracts, commodities, and all related instruments and transactions, including securities and that Wedbush is authorized to act on behalf of this corporation upon the written or oral direction of any office hereof.

BE IT RESOLVED, that the President, any Vice President, the Secretary and the Treasurer of this Corporation, and each of them, are hereby authorized and directed to make, execute and deliver a Customer Agreement with Wedbush and any other documents required by Wedbush to open and maintain an account or accounts with Wedbush on behalf of this corporation.

BE IT RESOLVED, that any one of the following individuals is hereby authorized to enter orders for our accounts, to confirm the correctness of transactions, and to deal full with Wedbush with respect to such accounts:

Table with 2 columns and 2 rows for authorized individuals. Each cell contains 'Name of Authorized Individual:' followed by a blank line.

and that this authorization shall remain in effect until such time as Wedbush receives WRITTEN NOTICE from this Corporation of additions or deletions.

Authorization

Table with 2 columns and 3 rows for authorization details. Rows include Secretary Signature, Secretary Printed Name, Date, Corporation Name, State of Incorporation, and Date of Resolution Adopted.