

weatherXchange® - a platform which facilitates index-based weather risk transfer

X Introduction

The index-based weather risk market has grown substantially especially over the last two years.

weatherXchange® is designed to make the market for weather risk protection even more accessible to users who need it for their business.

As an independent platform, weatherXchange streamlines the process of placing and then monitoring / reporting risk.

This introduction is directed at buyers of index-based weather risk protection, referred to in this documents as "Hedgers"

Please contact us to request an introduction for Protection Sellers and Broker-Advisors



What is weatherXchange?

weatherXchange is an independent, web-based platform that streamlines the process of placing weather risk, monitoring / reporting, and settling weather risk hedges.

For Hedgers:

- Access to free historical data for index calculation.
- Free weather-hedge structuring tools.
- Send pricing requests ("RFPs") to multiple Protection Sellers at a click of a button. No brokerage fees, no hidden commission fees.
- Introduction to Broker-Advisors where investment advice / intermediation / consultancy is required.
- Seamless on-platform access to post-trade services (chargeable) including Settlement Services and provision of Valuation Services: ie pre-period and in-period contract valuation data including mark-to-market, daily P&L, VaR.

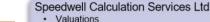
For Protection Sellers:

- weatherXchange functions as a free salesforce by providing free introductions to new buyers of weather risk protection.
- No brokerage fees.
- We provide potential Hedgers with your contact details allowing you to respond by sending a price or opening bi-lateral discussions
- weatherXchange links to your web site providing information about vour services.
- Seamless on-platform access to other services that are required for new Hedgers to be able to trade: independent settlement services, provision of pre-period and in-period contract valuation data: markto-market, VaR (chargeable).
- Integration with Speedwell Weather System for efficient response to RFPs and instant access to historical data for pricing.

For Broker-Advisors:

- weatherXchange introduces new Hedgers who require advice or anonymity to Broker-Advisors, weatherXchange provides potential Hedgers with your contact details allowing you to establish direct dialogue.
- Automated RFP process to reduce the frictional forces in requesting prices.
- No brokerage fees charged by weatherXchange.
- weatherXchange links to your web site providing information about your services.
- Join weatherXchange on our marketing campaigns: trade shows, seminars and weatherXchange events.





- VaR, risk metrics
- Margining
- Trade Reporting



What weatherXchange offers

weatherXchange provides:

- Hedgers with free weather data for thousands of sites and basket-indices as well as gridded data
- Free structuring tools to help the process of designing a hedge
- Instant Indicative Pricing allowing an immediate indicative price to be generated to help speed up the structuring process
- Direct communication with multiple Protection Sellers for tradeable prices
- Access to Settlement Data (provided by Speedwell Settlement Services Ltd, chargeable)
- Access to Calculation Services for mark-to-model, risk and P&L (provided by Speedwell Calculation Services Ltd, chargeable)

Front to back office work-flow for weather risk management

weatherXchange Limited is regulated by the Financial Conduct Authority

weatherXchange is compliant with regulations for users based in the EU-Switzerland-UK, Argentina, Australia, Bermuda, Brazil, Canada, Colombia, Turkey, USA

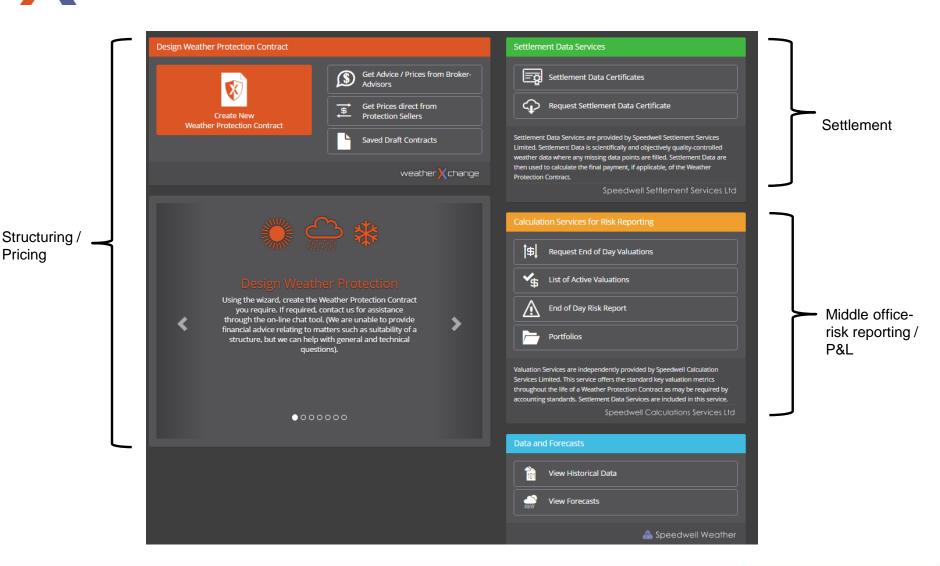
Speedwell Settlement Services to be regulated under forthcoming European Benchmark Regulations





Pricing

X The Platform

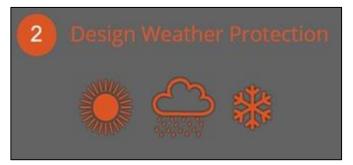




The Hedger Process Flow





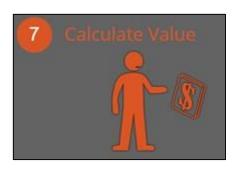








Speedwell Calculation Services



Speedwell Settlement Services





The Hedger Process Flow: Login

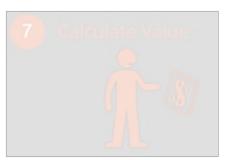




Two types of accounts:

- 1. Basic login allow users to structure weather hedges only.
- 2. Advanced accounts also allow saving multiple structures, RFP distribution, Term Sheet distribution to Broker-Advisors, Speedwell Calculation Services & Speedwell Settlement Services

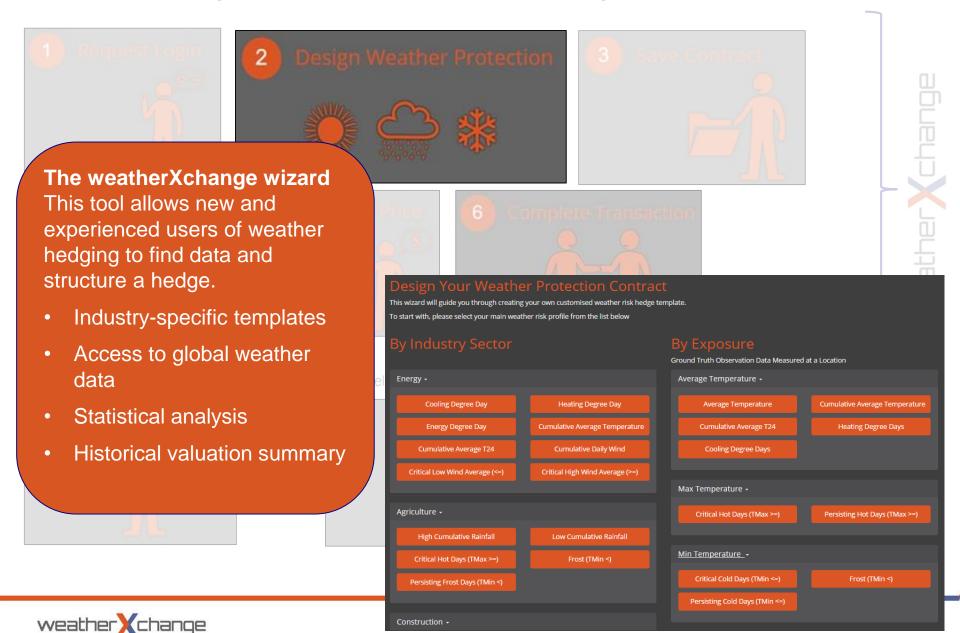
Speedwell Calculation Services Ltd



Speedwell Settlement Services Ltd







The weatherXchange wizard provides access to an unprecedented amount of high quality global data for pricing.

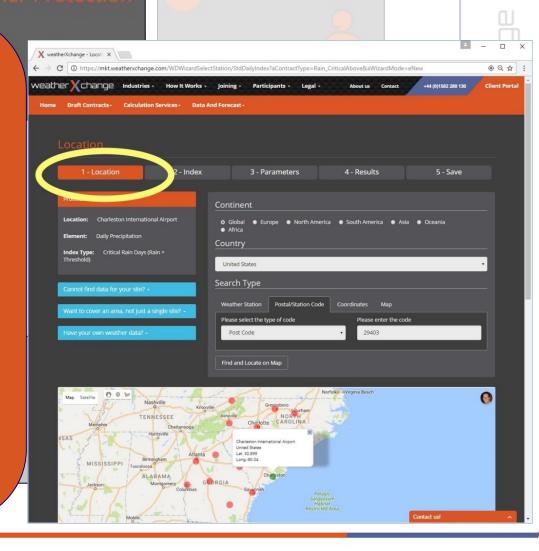
The database:

- Circa 3,000 stations with millions of cleaned values
- Standard indices (energy, agriculture, population weighted...)

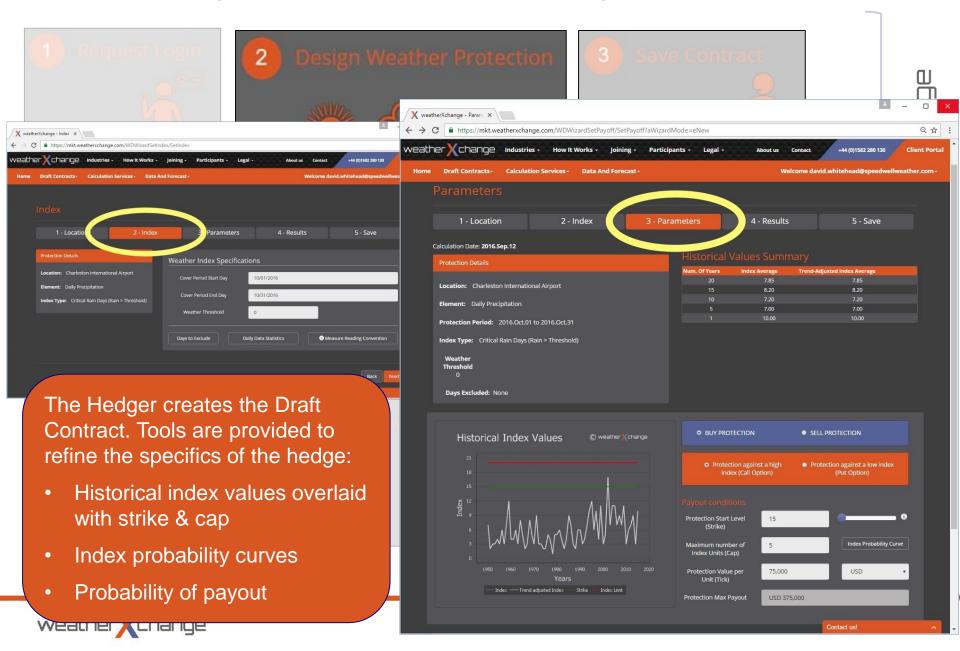
Tradable stations:

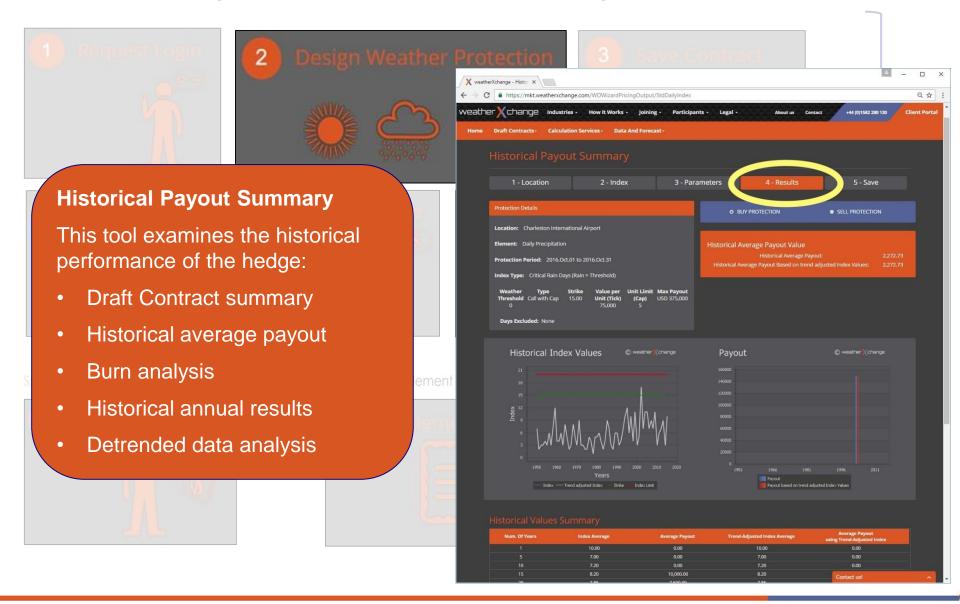
- Data for pricing (long histories, cleaned data)
- Data for marking a transaction (reliable feeds, cleaned data)
- Ability to produce Settlement Data

This database will continue to grow. If the data is not available... just ask. We are able to provide many other data sets you may require



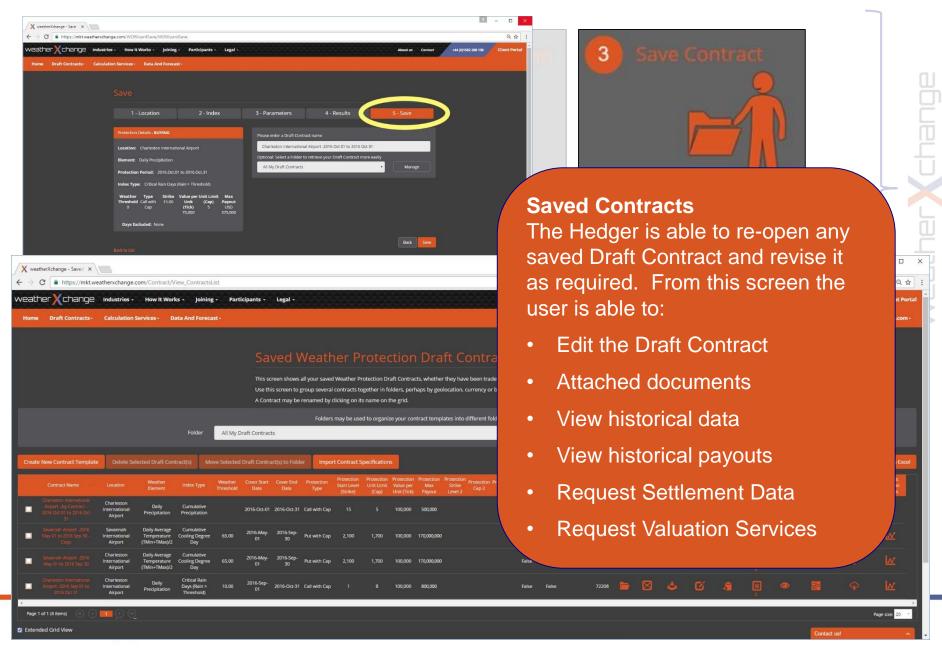








The Hedger Process Flow: Saving Contract

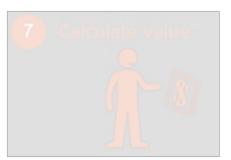


The Hedger Process Flow: Regulation





Speedwell Calculation Services Ltd



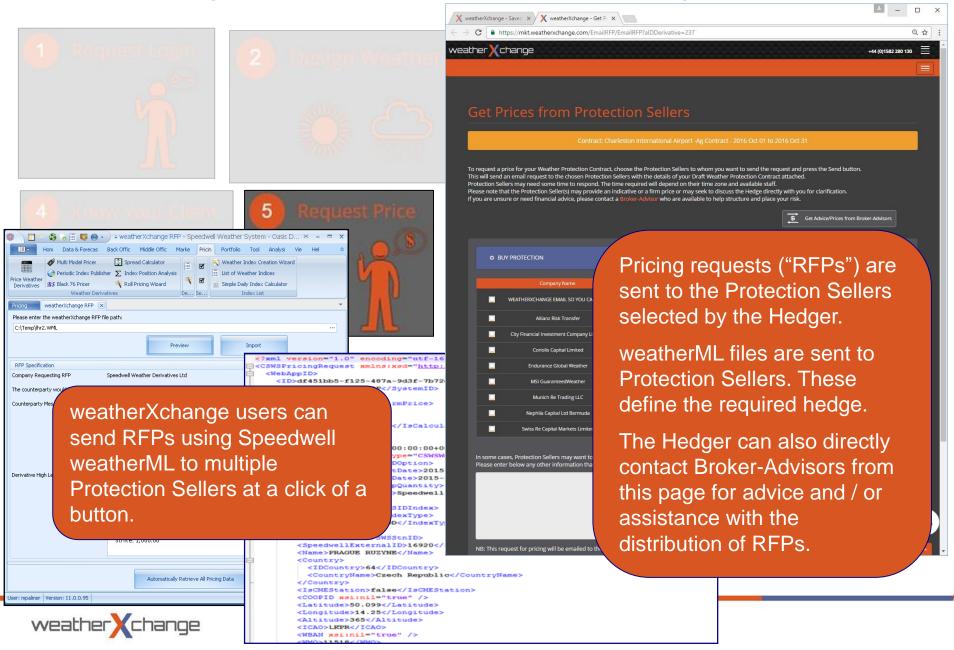
2 Design Weather Protection

Regulation

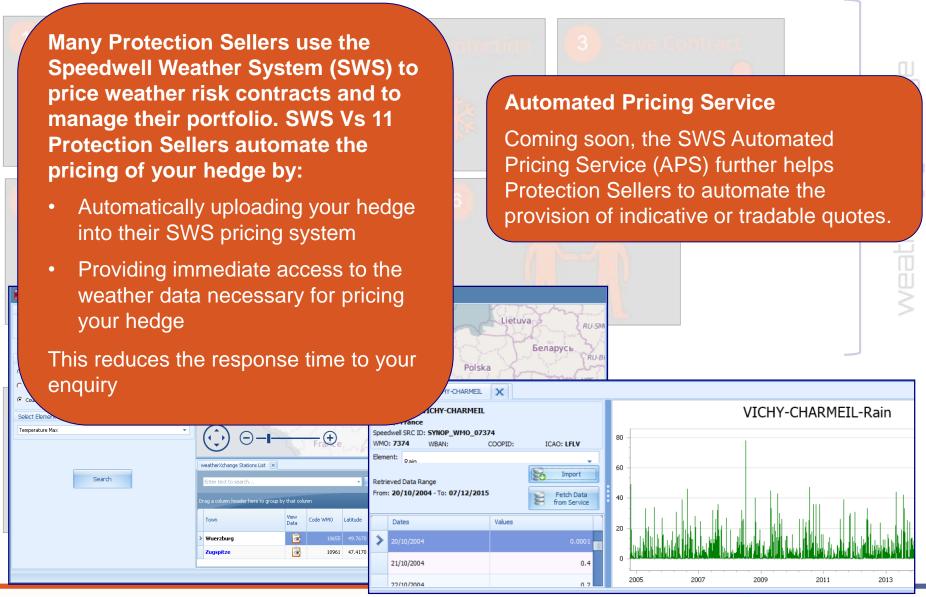
- Compliant with regulations to address users based in Eu-Switzerland-UK, Argentina, Australia, Bermuda, Brazil, Canada, Colombia, Turkey, USA.
- weatherXchange is authorised and regulated by the FCA.
- Before pricing requests can be sent to the market, it is necessary for us to complete "Know Your Client" formalities.



The Hedger Process Flow: Comparing Prices

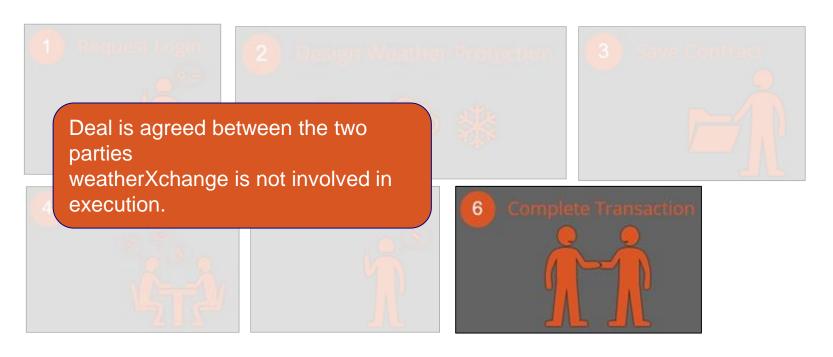


The Hedger Process Flow: Comparing Prices





The Hedger Process Flow: Transact



Speedwell Calculation Services Ltd



Speedwell Settlement Services Ltd

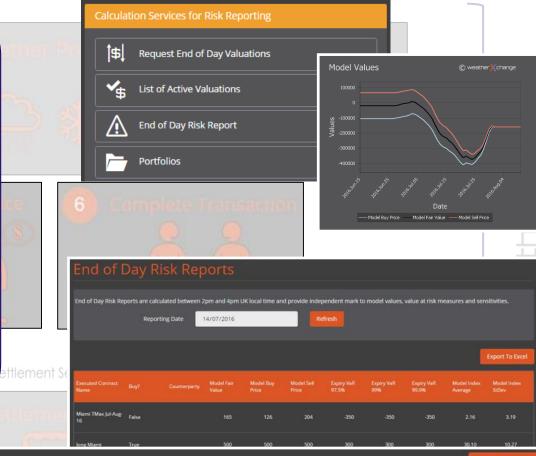


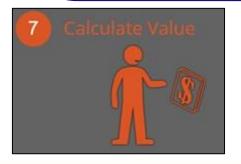


The Hedger Process Flow: SCS

Speedwell Calculation Services Limited (SCS)

- Transaction is recorded for Valuation Services including mark-to-model valuation, greeks, margin and VaR metrics (chargeable).
- Until now some companies
 have been unable to hedge
 their weather risk simply
 because they couldn't handle
 the day-to-day valuation of
 these instruments. SCS
 addresses this.

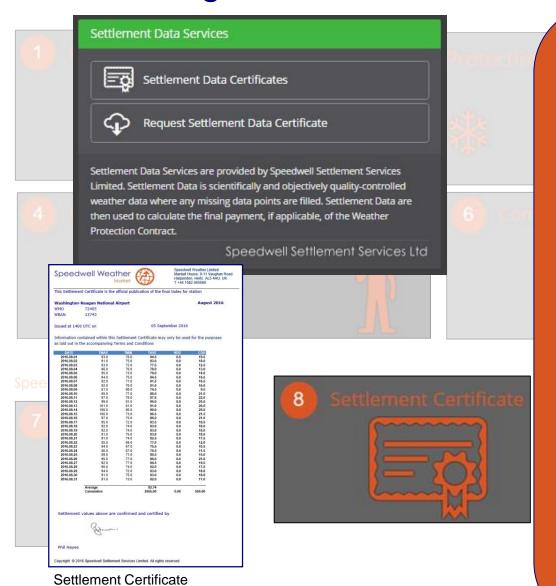




listorical Values Summary										Export To Ex		
Calculation Date	Model Fair Value	Model index Average	Model Index StDev	Partial index With Forecast	Partial Index Date With Forecast	Model Buy Price	Model Sell Price	Delta	Gamma	Vega		
2016-Jun-30	149	514.89	3.34	494.50	2016-Jun-29	142	156	10.00	0.00	0.00		
2016-jun-29	161	516.84	6.74	476.00	2016-Jun-28	148	174	161.02	0.00	0.28		
2016-Jun-28	159	516.92	9.65	455.50	2016-Jun-27	141	178	159.42	0.91	1.23		
2016-Jun-27	157	516.45	12.39	434.50	2016-Jun-26	135	180	157.23	0.03	2.05		
20161-26	140	E12.20	15.00	115.00	20161-25	110	105	160.21	0.60	2.22		



The Hedger Process Flow: SSS



Speedwell Settlement Services Transaction is recorded for the provision of Settlement Data.

- Speedwell Settlement Services
 Limited (SSS) has been created as
 the vehicle through which all of
 Speedwell's existing Settlement Data
 will be provided. This anticipates best practice requirements of impending
 Eu Benchmark regulation.
- Settlement Data is provided through an online interface as well as FTP.
 Pricing for this service has been standardized. For small transactions and transactions using the Speedwell-Market stations (see http://www.speedwellweather.com/Speedwell-Market).
- Settlement Certificates are produced for each transaction.
- Settlement services are chargeable but these costs are usually paid for by the Protection Seller.



Summary



weatherXchange helps new and existing users of weather protection products by:

- providing free access to high quality worldwide data
- providing free access to on-line weather hedge structuring tools
- providing instant indicative pricing from multiple Protection Sellers
- introducing Hedgers who want advice or anonymity to Broker-Advisors
- offering easy price comparison using messaging technology
- providing access to Speedwell Settlement Services for official Settlement Data and Settlement Certificates
- providing access to Speedwell Calculation Services for the daily risk metrics necessary to manage a weather risk hedge once traded to satisfy internal and regulatory reporting requirements
- To request a login go to <u>www.weatherXchange.com</u>



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